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A Text Book on Cluny and Torchon Laces

M.E. Woodward

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IN THE HOPE THAT

THE LOVE OF THE BEAUTIFUL IN THE ART OF LACE WORK

MAY GROW AND BROADEN IN THE KNOWLEDGE

OF

AMERICAN WOMEN

AS IT IS KNOWN IN THE OLD COUNTRIES,

BRINGING WITHIN THE GRASP OF EACH THE ABILITY

TO POSSESS THE REAL HANDWORK AND TO DISCRIMINATE MORE

FULLY ITS VALUE FROM THAT OF MACHINE PRODUCTS,

THIS BOOK,

AS ONE OF THE SERIES IN

ITS DEVELOPMENT, IS PRESENTED

TO THE PUBLIC.

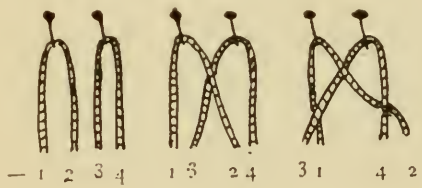
DIRECTIONS

For Making Cluny and Torchon Laces.

The fundamental principle of the making of Cluny and Torchon laces lies in the crossing of the bobbins in a series of points.

The point is made with four bobbins. For example, as in illustration, the bobbins being wound with the thread, tied in pairs, and the threads hung over pins placed in the cushion roll, the two bobbins at right used with right hand and the two at left with left hand,

Fig. 1. Fig. 2. Fig. 3.

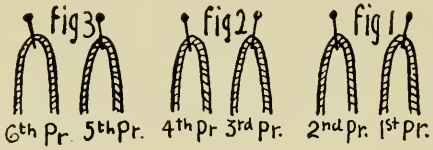


pass the 2d bobbin over the 3d, as in second figure, then the 4th over the 2d, and the 3d over the 1st, as in third figure—this constitutes a half point, repeated, it becomes a point.

The half point, followed by the crossing of the two middle bobbins from left to right, that is, as in the third figure, the 1st over the 4th, constitutes the point matte.

A tresse is a succession of points.

Point grille is a succession of half points, from right to left or left to right, the last two bobbins of the grille preceding being used with the two following, for the next grille. For example,

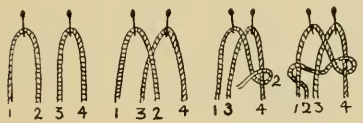


make a half point with the 1st and 2d pairs of Fig. 1, then with the 2d pair of Fig. 1, and the 3d pair, Fig. 2, make a half point; next, a half point with the 3d and 4th pairs, Fig. 2; then a half point with the 4th pair, Fig. 2, and the 5th pair, Fig. 3; then a half point, 5th and 6th pairs of Fig. 3, and so on. When the grille comes on a selvage edge, twist the outer pair once from right to left to form a firmer finish.

Point d' esprit:—In this "motif," made with two pairs of bobbins always, the outer bobbin of the 1st pair at the right and the outer bobbin of the pair at the left are firmly grasped, the one with the right hand and the other with the left, holding the left-hand bobbin with the three last fingers so that the thumb and first finger may be free for the movement of the 2d bobbin, the inner one of the left-hand pair, which is interlaced about the others, remaining stationary, the thread of the two outer bobbins tightly drawn while the inner bobbin of the right hand pair simply hangs by its own weight and should be pulled down now and then as the figure is being made, as this aids in shaping the oval and smoothing the interlacing thread.

With the thumb and first finger of the left hand pass the 2d bobbin over the 3d, pushing it *under* the bobbin held by the right hand, with the thumb of the right hand, and then with a twist of the fingers tossing it *over* the bobbin, as it falls into place passing with the thumb and fingers of the left hand the inner bobbin over it and tossing it over the left hand bobbin, whence it rolls *under* and into its original place by its own weight; repeat the series of movements continuously, not letting go of the outer bobbins, or the figure will be destroyed, for these outer bobbins shape the oval, and as the figure broadens in the middle should be spread farther apart, narrowing to the end, where the right-hand bobbin is dropped, as the threads of the left-hand bobbin and that which has interlaced are drawn together and tied in a knot.

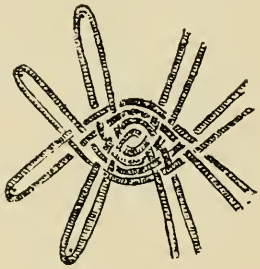
Diagram illustrating positions of interlacing bobbin in point d' esprit.



The picot is made by putting the pin under the thread of the inner bobbin of pair nearest picot edge, holding bob-

bin in left hand, and bringing the pin up over the thread which thus encircles it and is then drawn tightly down, being held by pin placed in dot indicating picot. Continue to keep thread which has formed picot firmly drawn down until well woven in.

The barley grain, or spider, as it is often called, is made with 8 or more bobbins, according to the design; in its simple form of 4 pairs of bobbins, it is made as follows: Each pair is twisted from right to left to form the rays, then a point matte with the 2d and 3d pairs is made, another point matte with the 1st and 2d pairs, and a third point matte with the 3d and 4th pairs; a pin is now placed in the middle, followed by point matte with the two inner pairs, point matte with the 1st and 2d pairs, point matte with the 3d and 4th pairs, and a final point matte with the 2d and 3d pairs, the pairs being then twisted for the outgoing rays as before. A more complicated form with 6 pairs of bobbins is practically illustrated in pattern No. 9.



The Cords and their Crossings.

A cord of 2 (bobbins):—The two bobbins of a pair twisted from right to left.

A cord of 4:—A tresse.

A cord of 6:—A point with the two pairs at the right, then a point with the two at the left, the pair in the middle being thus used twice. Repeat.

A cord of 8:—Regard each pair as a single bobbin and make a tresse as in cord of 4.

Crossing of the Cords.

Crossing of 2 cords of 2:—Make a point, and if a pin is required by the design place it after the half point is finished.

A cord of 2 with a cord of 4, or "point of 6" (this occurs very frequently throughout the work):—Consider each of the two pairs as a single bobbin and cross them with the two single bobbins in a simple point.

A cord of 2 with a cord of 6:—Make a point with the two pairs at the right and a second point with the two pairs at the left.

A cord of 2 with a cord of 8:—After the last point in the double tresse (see "cord of 8") on the one side, make a crossing as in the cord of 2 with cord of 4, or "point of 6," on the other, regarding each pair of the 8 cord as a single bobbin.

Crossing of 2 cords of 4 or "point of 8" (this is one of the most commonly met with in the work):—Consider each pair as a single bobbin and proceed as in an ordinary point.

A cord of 4 with a cord of 6:—With 4 pairs on one side make a "point of 8," then with two pairs just used and the pair remaining on the other side make a "point of 6."

A cord of 4 with a cord of 8:—A "point of 8" at one side, then leave two pairs and make a "point of 8" on the other.

2 cords of 6:—Putting aside one pair of bobbins, make a point with the 4 following pairs, a second point with the 4 pairs at the right, and a third point with the 4 at the left. For example: make a "point of 8" with the 2d, 3d, 4th and 5th pairs, a "point of 8" with the 1st, 2d, 3d and 4th pairs, and a point of 8 with the 3d, 4th, 5th and 6th pairs.

A cord of 6 with a cord of 8:—Laying aside 4 bobbins of the cord of 8, and 2 of the cord of 6, with the 8 of the middle make a point; then continue the cord of 8 on one side and the cord of 6 on the other.

2 cords of 8:—With the 4 pairs in the middle make a point as if for a third cord of 8.

A pin is "closed" when followed by the same point which preceded it. Any other point is particularly designated in the directions.

The Tissues.

The tissues, or foundation points with which the different motifs or designs of the lace patterns are interwoven:—

Torchon.
Point de Dieppe.
Point de Tulle.
Brussels Point.

Point Vierge.
Point Rose.
The "closed pin."
Valenciennes.

The Torchon is made by half points preceding and following the pins. To illustrate: a pattern may be drawn off from the following diagram: Pinning it about the cushion roll, hang ten pairs of bobbins upon a couple of pins inserted back of the numbers on the design; with the 2d and 3d pairs make a half point, put in a pin at dot 1 on design, "close" it with another half point; with the 1st and 2d pairs make another half point, put in a pin at 2 and "close"; 4th and 5th pairs, a half point, pin at 3, close; 3d and 4th pairs, a half point, pin at 4, close; 2d and 3d pairs, a half point, pin at 5, close; 1st and 2d pairs, half point, pin at 6, close; 6th and 7th pairs, half point, pin at 7, close; 5th and 6th pairs, half point, pin at 8, close; 4th and 5th pairs, half point, pin at 9, close; 3d and 4th pairs, half point, pin at 10, close; 2d and 3d pairs, half point, pin at 11, close; 1st and 2d pairs, half point, pin at 12, close; 8th and 9th pairs, half point, pin at 13, close; 7th and 8th pairs, half point, pin at 14, close; 6th and 7th pairs, half point, pin at 15, close; 6th and 5th pairs, half point, pin at 16, close; 5th and 4th, half point, pin at 17, close; 4th and 3d, half point, pin at 18, close; 3d and 2d, half point, pin at 19, close; 2d and 1st, half point, pin at 20, close; 10th and 9th, half

point, pin at 21, close; 9th and 8th, half point, pin at 22, close; and so on.

In the Point de Dieppe, each pair of bobbins is twisted or crossed, twice, instead of once as in the Torchon; for example, in the Torchon, after the crossing of the 2d bobbin over the 3d, the 4th crosses over the 2d and the 3d over the 1st; in the Point de Dieppe, after the crossing of the 2d over the 3d, the 4th is crossed over the 2d, and the 3d over the 1st twice, before the pin is inserted, the point following or "closing," the pin being the same half point as in the Torchon. The same pattern may be used for working illustration of this as in Torchon.

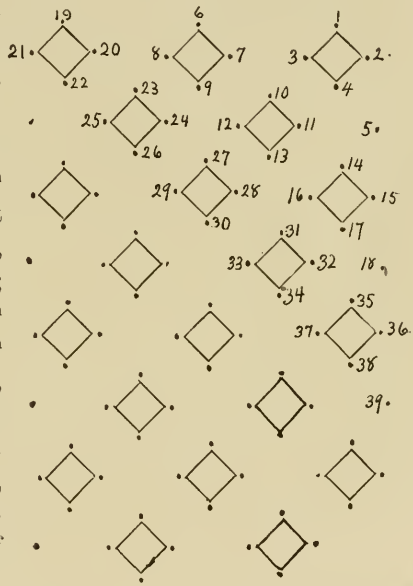
In the Point de Tulle each pair of bobbins is twisted (crossed) 3 times, then the two middle bobbins crossed and the pin put in back of the two middle bobbins, no point "closing" it. Same diagram as for Torchon.

In the Brussels Point each pair of bobbins is twisted twice, a half point is made, the pin inserted and closed with 3 half points. Same diagram as for Torchon.

Point Vierge. Twelve pairs of bobbins are required for this illustration.

2d and 3d pairs, half point, pin at 1, close; 1st and 2d pairs, half point, pin at 2, close; 3d and 4th pairs, half point, pin at 3, close; 2d and 3d pairs, half point, pin at 4, close; 1st and 2d pairs, half point, pin at 5, close; 3d and 4th pairs, point; 6th and 7th pairs, half point, pin at 6, close; 5th and 6 pairs, half point, pin at 7, close; 7th and 8th pairs, half point, pin at 8, close; 6th and 7th pairs, half point, pin at 9, close; 5th and 6th pairs, point; 7th and 8th pairs, point; 4th and 5th pairs, half point, pin at 10, close; 3d and 4th pairs, half point, pin at 11, close; 5th and 6th pairs,

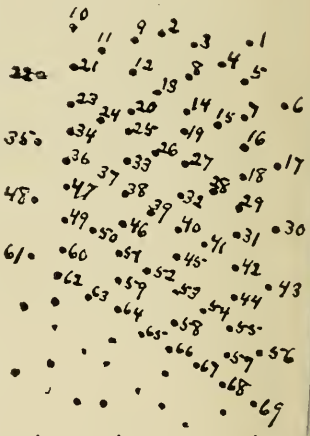
half point, pin at 12, close ; 4th and 5th pairs, half point, pin at 13, close; 3d and 4th pairs, point ; 5th and 6th pairs, point ; 2d and 3d pairs, half point, pin at 14, close ; 1st and 2d pairs, half point, pin at 15, close ; 3d and 4th pairs, half point, pin at 16, close ; 2d and 3d pairs, half point, pin at 17, close ; 3d and 4th pairs, point; 1st and 2d pairs, half point, pin at 18, close ; 10th and 11th pairs, half point, pin at 19, close ; 9th and 10th pairs, half point, pin at 20, close ; 11th and 12th pairs, half point, pin at 21, close ; 10th and 11th pairs, half point, pin at 22, close ; 9th and 10th pairs, point; 8th and 9th pairs, half point, pin at 23, close ; 7th and 8th pairs, half point, pin at 24, close; 9th and 10th pairs, half point, pin at 25, close ; 8th and 9th pairs, half point, pin at 26, close ; 7th and 8th pairs, point; 9th and 10th pairs, point; 6th and 7th pairs, half point, pin at 27, close; 5th and 6th pairs, half point, pin at 28, close ; 7th and 8th pairs, half point, pin at 29, close ; 6th and 7th pairs, half point, pin at 30, close ; 5th and 6th pairs, point; 7th and 8th pairs, point; 4th and and 5th pairs, half point, pin at 31, close ; 3d and 4th pairs, half point, pin at 32, close ; 5th and 6th pairs, half point, pin at 33, close ; 4th and 5th pairs, half point, pin at 34,



close; 3d and 4th pairs, point; 5th and 6th pairs, point; 3d and 2d pairs, half point, pin at 35, close; 1st and 2d pairs, half point, pin at 36, close; 3d and 4th pairs, half point, pin at 37, close; 2d and 3d pairs, half point, pin at 38, close; 1st and 2d pairs, half point, pin at 39, close; 3d and 4th pairs, point; etc.

The Rose Point is somewhat similar to the Point Vierge, the bobbins being twisted (from right to left always) twice, however, in their crossing.

This illustration requires 10 pairs of bobbins.



2d and 3d pairs, half point, twist each pair twice, pin at 1, close, twisting each pair twice; 5th and 6th pairs, half point, twist each pair twice, pin at 2, close, twist each pair twice; 4th and 5th pairs, half point, twist twice, pin at 3, close, twist twice; 3d and 4th pairs, half point, twist twice, pin at 4, close, twist twice; 2d and 3d pairs, half point, twist twice, pin at 5, close, twist twice; 1st and 2d pairs, twist twice, pin at 6, close, twist twice; 2d and 3d pairs, half point, twist twice, pin at 7, close, twist twice; 4th and 5th pairs, half point, twist twice, pin at 8, close, twist twice; 6th and 7th pairs, half point, twist twice, pin at 9, close, twist twice; 8th and 9th pairs, half point, twist twice, pin at 10, close, twist twice; 7th and 8th pairs, half point, twist twice, pin at 11, close, twist twice; 6th and 7th pairs, half point, twist twice, pin at 12, close, twist twice; 5th and 6th pairs, half point, twist

twice, pin at 13, close, twist twice; 4th and 5th pairs, half point, twist twice, pin at 14, close, twist twice; 3d and 4th pairs, half point, twist twice, pin at 15, close, twist twice; 2d and 3d pairs, half point, twist twice, pin at 16, close, twist twice; 1st and 2d pairs, half point, twist twice, pin at 17, close, twist twice; 2d and 3d pairs, half point, twist twice, pin at 18, close, twist twice; 4th and 5th pairs, half point, twist twice, pin at 19, close, twist twice; 6th and 7th pairs, half point, twist twice, pin at 20, close, twist twice; 8th and 9th pairs, half point, twist twice, pin at 21, close, twist twice; 9th and 10th pairs, half point, twist twice, pin at 22, close, twist twice; 8th and 9th pairs, half point, twist twice, pin at 23, close, twist twice; 7th and 8th pairs, half point, twist twice, pin at 24, close, twist twice; 6th and 7th pairs, half point, twist twice, pin at 25, close, twist twice; 5th and 6th pairs, half point, twist twice, pin at 26, close, twist twice; 4th and 5th pairs, half point, twist twice, pin at 27, close, twist twice; 3d and 4th pairs, half point, twist twice, pin at 28, close, twist twice; 2d and 3d pairs, half point, twist twice, pin at 29, close, twist twice; 1st and 2d pairs, half point, twist twice, pin at 30, close, twist twice; 2d and 3d pairs, half point, twist twice, pin at 31, close, twist twice; 4th and 5th pairs, half point, twist twice, pin at 32, close, twist twice; 6th and 7th pairs, half point, twist twice, pin at 33, close, twist twice; 8th and 9th pairs, half point, twist twice, pin at 34, close, twist twice; 9th and 10th pairs, half point, twist twice, pin at 35, close, twist twice; 8th and 9th pairs, half point, twist twice, pin at 36, close, twist twice; 7th and 8th pairs, half point, twist twice, pin at 37, close, twist twice; 6th and 7th pairs, half point, twist twice, pin at 38, close, twist twice; 5th and 6th pairs, half point, twist twice, pin at 39, close, twist twice; 4th and 5th pairs, half point, twist

twice, pin at 40, close, twist twice; 3d and 4th pairs, half point, twist twice, pin at 41, close, twist twice; 2d and 3d pairs, half point, twist twice, pin at 42, close, twist twice; 1st and 2d pairs, half point, twist twice, pin at 43, close, twist twice; 2d and 3d pairs, half point, twist twice, pin at 44, close, twist twice; 4th and 5th pairs, half point, twist twice, pin at 45, close, twist twice; 6th and 7th pairs, half point, twist twice, pin at 46, close, twist twice; 8th and 9th pairs, half point, twist twice, pin at 47, close, twist twice; 9th and 10th pairs, half point, twist twice, pin at 48, close, twist twice; 8th and 9th pairs, half point, twist twice, pin at 49, close, twist twice; 7th and 8th pairs, half point, twist twice, pin at 50, close, twist twice; 6th and 7th pairs, half point, twist twice, pin at 51, close, twist twice; 5th and 6th pairs, half point, twist twice, pin at 52, close, twist twice; 4th and 5th pairs, half point, twist twice, pin at 53, close, twist twice; 3d and 4th pairs, half point, twist twice, pin at 54, close, twist twice; 2d and 3d pairs, half point, twist twice, pin at 55, close, twist twice; 1st and 2d pairs, half point, twist twice, pin at 56, close, twist twice; 2d and 3d pairs, half point, twist twice, pin at 57, close, twist twice; 4th and 5th pairs, half point, twist twice, pin at 58, close, twist twice; 6th and 7th pairs, half point, twist twice, pin at 59, close, twist twice; 8th and 9th pairs, half point, twist twice, pin at 60, close, twist twice; 9th and 10th pairs, half point, twist twice, pin at 61, close, twist twice; 8th and 9th pairs, half point, twist twice, pin at 62, close, twist twice; 7th and 8th pairs, half point, twist twice, pin at 63, close, twist twice; 6th and 7th pairs, half point, twist twice, pin at 64, close, twist twice; 5th and 6th pairs, half point, twist twice, pin at 65, close, twist twice; 4th and 5th pairs, half point, twist twice, pin at 66, close, twist twice; 3d and 4th pairs, half

point, twist twice, pin at 67, close, twist twice; 2d and 3d pairs, half point, twist twice, pin at 68, close, twist twice; 1st and 2d pairs, half point, twist twice, pin at 69, close, twist twice; and so on.

The "closed pin" requires the same diagram as the Torchon, and is simply the crossing of "2 cords of 2," a point instead of half point, preceding and following the pin, however.

Valenciennes is composed of "cords of 4," a series of 5 points between each insertion of the pin, the pin being placed in the middle of the 6th point, differing, therefore, from the Torchon in the employment of the tresse in place of the "cord of 2."

How to Begin.

Wind the bobbins, leaving a few inches of thread in length to tie them together in pairs. Loop the thread around the head of bobbin to prevent unwinding, by holding bobbin in left hand while three fingers of right hand grasp end of thread as it passes up through palm to twist over and around the forefinger, the thumb then passing in under, and the hand turning to give the twist which crosses thread in loop, into which the head of bobbin is placed from behind. This loop, moreover, allows the lengthening of the thread in working by turning the bobbin with left hand and gauging the thread with right.

Pin the pattern around the cushion roll, matching the ends at their meeting, as the work must be continuous. If the design should join too loosely, pin a strip of paper or cloth around the roll to fill it out.

Place one or more pins, according to direction, back of the highest part of roll where the work begins, no specified

point being necessary, as these serve the purpose not of outlining the work, but for suspending the bobbins, which are now hung over them in pairs, the number of pairs being designated at the beginning of each pattern. Five inches or more, of thread should be allowed from pin to bobbin. The bobbins are numbered in pairs, from right to left, the first pair being always at the right, and the numbering immovable, although the pair which has just been the 2d becomes the 3d, 5th or 10th in the working. It being impossible, therefore, to recognize the pairs in all the changes, the pair which falls into the place of the number in working becomes that number accordingly. Two pairs, right and left, are used at a time. The dots for the insertion of pins are designated by number on the pattern. Place the pins firmly in that the work may be well held in place, and draw up the threads tightly in making the points. Let there be no loose loops to destroy the effect of the design. Be plentiful in the use of pins.

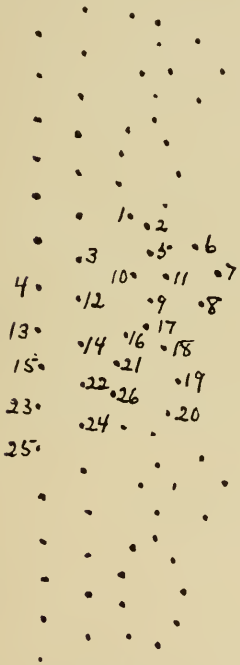
The pattern being pinned on the roll, the bobbins hanging in place in pairs as directed in Pattern No. 1, and being numbered from right to left—begin with the 1st and 2d pairs, crossing the 2d bobbin over the 3d, the 4th over the 2d, and the 3d over the 1st, as in diagram which illustrates the making of a half point (page 1), repeat this half point, and the first step in the cluny edge is accomplished. Then make a point in the same manner with the 3d and 4th pairs of bobbins, cross these four pairs together in a "point of 8" (see directions), put a pin at dot 1 on the pattern, and "close," crossing the four pairs in a point of 8, and proceed with directions for pattern No. 1. Remember always that a pin is "closed" with the same point which precedes it.

PATTERNS.

Pattern No. 1.—Cluny Edge.

Fourteen bobbins. Thread No. 450.

Place a pin at back of design and hang from it 7 pairs of bobbins.



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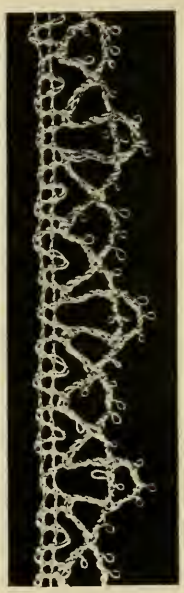


Fig. 1.

1st and 2d pairs, point; 3d and 4th, point; cross the 1st and 2d with 3d and 4th in point of 8, pin at 1, close; 1st and 2d, a tresse of 2, picot at 2, a tresse of 2; 3d and 4th, a tresse to 3; cross the 3d and 4th with 5th in point of 6, pin at 3, close;

5th and 6th, point; 6th and 7th, point, pin at 4, close; 6th and 5th, point; 4th and 3d, a tresse to 5; cross the 4th and 3d with 2d and 1st in point of 8, pin at 5, close; 1st and 2d, a tresse to 6, picot, a tresse to 7, picot, a tresse to 8, picot, a tresse to 9; 3d and 4th, a tresse of 2, picots at 10 and 11, a tresse of 2; cross the 1st and 2d with 3d and 4th in point of 8, pin at 9, close; 3d and 4th, a tresse to 12; cross the 3d and 4th with 5th in point of 6, pin at 12, close; 5th and 6th, point; 6th and 7th, point, pin at 13, close; 6th and 5th, point, pin at 14, close; 6th and 7th, point, pin at 15, close; 6th and 5th, point; 3d and 4th, a tresse to 16; 1st and 2d, a tresse of 2, picot at 17, a tresse of 2; cross the 1st and 2d with 3d and 4th in point of 8, pin at 16, close; 1st and 2d, a tresse to 18, picot, a tresse to 19, picot, a tresse to 20, picot, a tresse; 3d and 4th, a tresse to 21, picot, a tresse to 22; cross the 3d and 4th with 5th in point of 6, pin at 22, close; 5th and 6th, point; 6th and 7th point, pin at 23, close; 5th and 6th, point, pin at 24, close; 6th and 7th, point, pin at 25, close; 6th and 5th, point; 3d and 4th, a tresse, picot at 26, a tresse, which brings one to the crossing of the pairs at the beginning. Repeat.

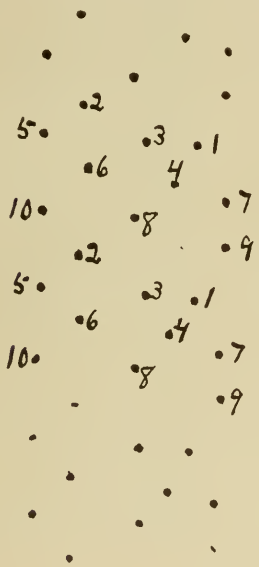
Pattern No. 2.—Torchon.

Sixteen bobbins, Thread No. 72.

Place a couple of pins at back of pattern, hanging from them 8 pairs of bobbins.

1st and 2d pair, half point, pin at 1, close; 5th and 6th, half point, pin at 2, close; 5th and 4th, point (passing through); 4th and 3d, half point, pin at 3, close; 2d and 3d, point, pin at 4; 6th and 7th, point, pin at 5 between the 6th and 7th; twist 8th pair; 8th and 7th, point; 7th and 6th, point, closing

pin; 4th and 5th, point (passing through); 5th and 6th, half point, pin at 6, close; 5th and 4th, point (passing through); twist 4th pair twice, 5th once; 4th and 3d, point matte; 3d and 2d, point matte; 2d and 1st, point, pin at 7, close; 2d and 3d, point matte; 3d and 4th, point matte; twist 4th pair twice, pin at 8; 4th and 3d, point matte, closing pin; 3d and 2d, point matte; 2d and 1st, point, pin at 9, close;



Diag. 2.

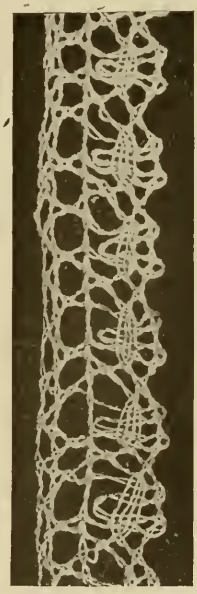


Fig. 2.

2d and 3d, point matte; 3d and 4th, point matte; twist 4th pair twice; 4th and 5th, point (passing through); 6th and 7th, point, pin at 10 between 6th and 7th pair; twist 8th pair; 8th and 7th, point; 7th and 6th, point, closing pin; 2d and 3d, point. Repeat from beginning.

Pattern No. 3.—Torchon.

Thirty bobbins. Thread No. 72.

Place three pins at back of pattern, hanging from them 15 pairs of bobbins.

Diag 3.

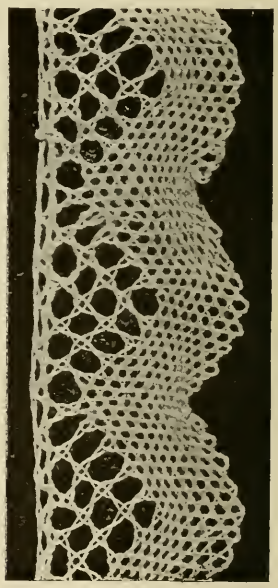


Fig. 3.

Cross the bobbins of each pair from right to left.

1st and 2d, point grille; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th,

point grille; 8th and 9th, point grille; 9th and 10th, point grille; 10th and 11th, point grille; 11th and 12th, point grille; 13th and 14th, point, pin at 1, 14th and 15th, point, 14th and 13th, point, closing pin; 13th and 12th, point grille, pin at 2, close; 12th and 11th, point grille; 11th and 10th, point grille; 10th and 9th, point grille; 9th and 8th, point grille; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 3, close, twist outside pair; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille; 9th and 10th, point grille; 10th and 11th, point grille; 11th and 12th, point grille, pin at 4, close; 13th and 14th, point, pin at 5, 14th and 15th, point, 14th and 13th, point, closing pin; 12th and 13th, half point, pin at 6, close; 11th and 10th, point grille; 10th and 9th, point grille; 9th and 8th, point grille; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 7, close, twist outside pair; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille; 9th and 10th, point grille; 10th, and 11th, point grille, pin at 8, close; 11th and 12th, half point, pin at 9, close; 13th and 14th, point, pin at 10, 14th and 15th, point, 14th and 13th, point, closing pin; 13th and 12th, half point, pin at 11, close; 13th and 14th, point, pin at 12, 14th and 15th, point, 14th and 13th, point, closing pin.

10th and 9th, point grille; 9th and 8th, point grille; 8th and

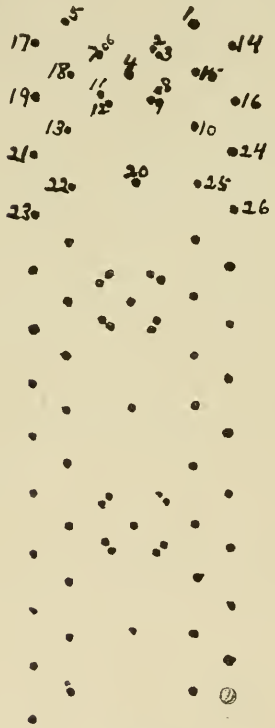
7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 13, close, twist outside pair; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille; 9th and 10th, point grille, pin at 14, close; 10th and 11th, half point, pin at 15, close; 11th and 12th, half point, pin at 16, close; 12th and 13th, half point, pin at 17, close; 13th and 14th, point, pin at 18, 14th and 15th, point, 14th and 13th, point, closing pin; 9th and 8th, point grille; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 19, close, twist outside pair; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille, pin at 20, close; 9th and 10th, half point, pin at 21, close; 10th and 11th, half point, pin at 22, close; 11th and 12th, half point, pin at 23, close; 12th and 13th, half point, pin at 24, close; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 25, close, twist outside pair; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille, pin at 26, close; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 27, close, twist outside pair; 2d and 3d, point grille; 3d and 4th, point grille;

4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille, pin at 28, close; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 29, close, twist outside pair; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille; 9th and 10th, point grille, pin at 30, close; 9th and 8th, point grille; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 31, close, twist outside pair; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille; 9th and 10th, point grille; 10th and 11th, point grille, pin at 32, close; 10th and 9th, point grille; 9th and 8th, point grille; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 33, close, twist outside pair; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille; 9th and 10th, point grille; 10th and 11th, point grille; 11th and 12th, point grille, pin at 34, close; 11th and 10th, point grille; 10th and 9th, point grille; 9th and 8th, point grille; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 35. Repeat from beginning.

Pattern No. 4.—Point d' Esprit Insertion.

Twenty-four bobbins. Thread No. 500.

Place a couple of pins at back of pattern, hanging from them 12 pairs of bobbins.



Diag. 4.

Fig. 4.

Cross the 4th with 5th and 6th in point of 6, pin at 1, close; 5th and 6th, a tresse, picots at 2 and 3, a tresse to 4; cross the 9th with 8th and 7th in point of 6, pin at 5, close; 8th and 7th, a tresse, picots at 6 and 7, a tresse to 4; cross

the 5th and 6th with 7th and 8th in point of 8, pin at 4, close; 5th and 6th, a tresse, picots at 8 and 9, a tresse to 10; 7th and 8th, a tresse, picots at 11 and 12, a tresse to 13; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 14, close; 2d and 3d, point; 3d and 4th, point, pin at 15, close; 3d and 2d, point; 2d and 1st, point, pin at 16, close; 2d and 3d, point; 3d and 4th, point; cross the 4th with 5th and 6th in point of 6, pin at 10, close; 9th and 10th, point; 10th and 11th, point; 11th and 12th, point, pin at 17, close; 11th and 10th, point; 10th and 9th, point, pin at 18, close; 10th and 11th, point; 11th and 12th, point, pin at 19, close; 11th and 10th, point; 10th and 9th, point; cross the 9th with 8th and 7th in point of 6, pin at 13, close; 8th and 7th, point d'esprit to 20; 6th and 5th, point d' esprit to 20; cross the 5th and 6th with 7th and 8th in point of 8, pin at 20, close; 5th and 6th, point d' esprit to 1; 7th and 8th, point d'esprit to 5; 9th and 10th, point; 10th and 11th, point; 11th and 12th, point, pin at 21, close; 11th and 10th, point; 10th and 9th, point, pin at 22, close; 10th and 11th, point; 11th and 12th, point, pin at 23, close; 11th and 10th, point; 10th and 9th, point; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 24, close; 2d and 3d point; 3d and 4th, point, pin at 25, close; 3d and 2d, point; 2d and 1st, point, pin at 26, close; 2d and 3d, point; 3d and 4th, point. Repeat from beginning.

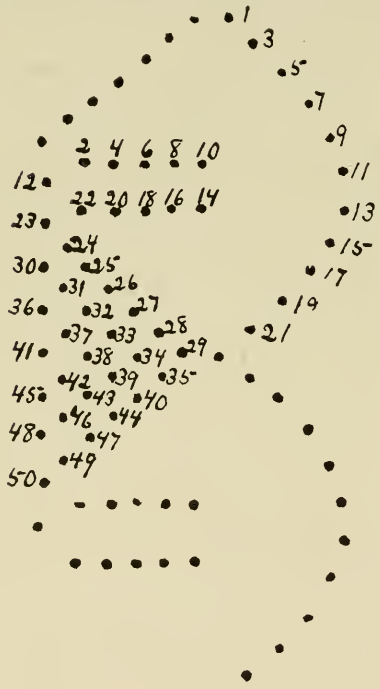
Pattern No. 5.—Fine Torchon.

Twenty-two bobbins. Thread No. 600.

Place eleven pairs of bobbins on three pins.

1st and 2d, point, pin at 1, close; 2d and 3d, point matte;

twist 3d pair, (always twist from right to left); 3d and 4th, point matte; 4th and 5th, point matte; 5th and 6th, point matte; 6th and 7th, point matte; 7th and 8th, point matte; 8th and 9th, point matte, pin at 2, close; 8th and 7th, point matte; 7th and



Diag. 5.

Fig. 5.

6th, point matte; 6th and 5th, point matte; 5th and 4th, point matte; 4th and 3d, point matte; twist 3d pair; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 3, close; 2d and 3d, point matte; twist 3d pair; 3d and 4th, point matte; 4th and 5th, point matte; 5th and 6th, point matte; 6th and 7th, point

matte; 7th and 8th, point matte, pin at 4, close; 7th and 6th, point matte; 6th and 5th, point matte; 5th and 4th, point matte; 4th and 3d, point matte; twist 3d pair; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 5, close; 2d and 3d, point matte; twist 3d pair; 3d and 4th, point matte; 4th and 5th, point matte; 5th and 6th, point matte; 6th and 7th, point matte, pin at 6, close; 6th and 5th, point matte; 5th and 4th, point matte; 4th and 3d, point matte; twist 3d pair; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 7, close; 2d and 3d, point matte; twist 3d pair; 3d and 4th, point matte; 4th and 5th, point matte; 5th and 6th, point matte, pin at 8, close; 5th and 4th, point matte, 4th and 3d, point matte; twist 3d pair; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 9, close; 2d and 3d, point matte; twist 3d pair; 3d and 4th, point matte; 4th and 5th, point matte, pin at 10, close; 4th and 3d, point matte; twist 3d pair; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 11, close; 2d and 3d, point matte; twist 3d pair; 3d and 4th, point matte; 4th and 5th, point matte; twist 5th pair; 5th and 6th, point; twist 6th pair; 6th and 7th, point; twist 7th pair; 7th and 8th, point; twist 8th pair; 8th and 9th, point; 9th and 10th, point, pin at 12; 10th and 11th, point; twist outside pair; 10th and 9th, point, closing pin; twist the 9th, 8th, 7th, 6th and 5th pairs; 9th and 8th, point; twist 8th pair; 8th and 7th, point; twist 7th pair; 7th and 6th, point; twist 6th pair; 6th and 5th, point; twist 5th pair; 5th and 4th, point matte; 4th and 3d, point matte; twist 3d pair; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 13, close; 2d and 3d, point matte; twist 3d pair; 3d and 4th, point matte; 4th and 5th, point matte, pin at 14, close; 4th and 3d, point matte; twist 3d pair; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at

15, close; 2d and 3d, point matte; twist 3d pair; 3d and 4th, point matte; 4th and 5th, point matte; 5th and 6th, point matte, pin at 16, close; 5th and 4th, point matte; 4th and 3d, point matte; twist 3d pair; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 17, close; 2d and 3d, point matte; twist 3d pair; 3d and 4th, point matte; 4th and 5th, point matte; 5th and 6th, point matte; 6th and 7th, point matte, pin at 18, close; 6th and 5th, point matte; 5th and 4th, point matte; 4th and 3d, point matte; twist 3d pair; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 19, close; 2d and 3d, point matte; twist 3d pair; 3d and 4th, point matte; 4th and 5th, point matte; 5th and 6th, point matte; 6th and 7th, point matte; 7th and 8th, point matte, pin at 20, close; 7th and 6th, point matte; 6th and 5th, point matte; 5th and 4th, point matte; 4th and 3d, point matte; twist 3d pair; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 21, close; 2d and 3d, point matte; twist 3d pair; 3d and 4th point matte; 4th and 5th, point matte; 5th and 6th, point matte; 6th and 7th, point matte; 7th and 8th, point matte; 8th and 9th, point matte, pin at 22, close; 8th and 7th, point matte; 7th and 6th, point matte; 6th and 5th, point matte; 5th and 4th, point matte; 4th and 3d, point matte; twist 3d pair; 3d and 2d, point matte; twist 2d pair.

Twist the two bobbins of the 3d, 4th, 5th, 6th, 7th, 8th and 9th pairs.

9th and 10th point, pin at 23; 10th and 11th point; twist outside pair; 10th and 9th, point, closing pin; 9th and 8th, half point, pin at 24, close; 8th and 7th, half point, pin at 25, close; 7th and 6th, half point, pin at 26, close; 6th and 5th, half point, pin at 27, close; 5th and 4th, half point, pin at 28, close; 4th and 3d, half point, pin at 29, close.

9th and 10th, point, pin at 30; 10th and 11th, point; twist outside pair; 10th and 9th, point, closing pin; 9th and 8th, half point, pin at 31, close; 8th and 7th, half point, pin at 32, close; 7th and 6th, half point, pin at 33, close; 6th and 5th, half point, pin at 34, close; 5th and 4th, half point, pin at 35, close.

9th and 10th, point, pin at 36; 10th and 11th, point; twist outside pair; 10th and 9th, point, closing pin; 9th and 8th, half point, pin at 37, close; 8th and 7th, half point, pin at 38, close; 7th and 6th, half point, pin at 39, close; 6th and 5th, half point, pin at 40, close.

9th and 10th, point, pin at 41; 10th and 11th, point; twist outside pair; 10th and 9th, point, closing pin; 9th and 8th, half point, pin at 42, close; 8th and 7th, half point, pin at 43, close; 7th and 6th, half point, pin at 44, close.

9th and 10th, point, pin at 45; 10th and 11th, point; twist outside pair; 10th and 9th, point, closing pin; 9th and 8th, half point, pin at 46, close; 8th and 7th, half point, pin at 47, close.

9th and 10th, point, pin at 48; 10th and 11th, point; twist outside pair; 10th and 9th, point, closing pin; 9th and 8th, half point, pin at 49, close.

9th and 10th, point, pin at 50; 10th and 11th, point; twist outside pair; 10th and 9th, point, closing pin. Repeat from beginning.

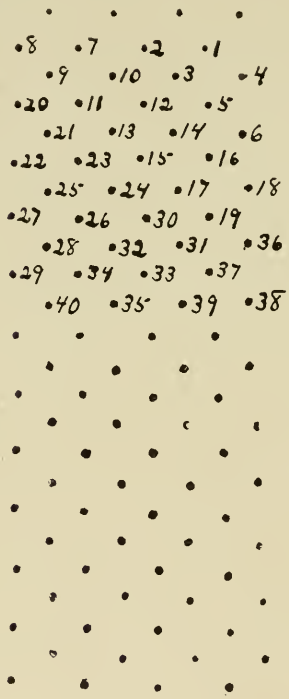
Point Vierge Insertion.

Twenty-six bobbins. Thread No. 300.

Place 13 pairs of bobbins on a couple of pins.

4th and 5th, half point; 4th and 3d, half point, pin at 1,

close; 5th and 6th, half point, pin at 2, close; 4th and 5th, half point, pin at 3, close; 5th and 6th, point; 3d and 4th, point; 3d and 2d, twisted twice, point; 2d and 1st, twisted



Diag. No. 6.

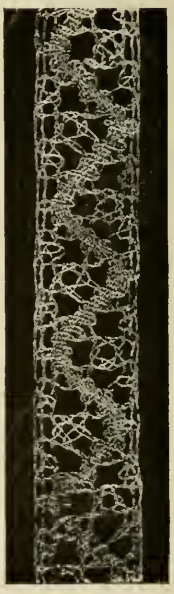


Fig. No. 6.

twice, point, pin at 4, between the 2d and 3d; 2d and 3d, point, closing pin; 3d and 4th, half point, pin at 5, close; 3d and 2d, point; 2d and 1st, point, pin at 6, between the 2d and 3d; 2d and 3d, point, closing pin; 3d and 4th, point; 10th and 11th, point; 10th and 9th, point matte; 9th and 8th, point

matte; 8th and 7th, point matte, pin at 7, close; 8th and 9th, point matte; 9th and 10th, point matte; 10th and 11th, point matte; 11th and 12th, point; 12th and 13th, point, pin at 8, between 12th and 11th; 12th and 11th, point, closing pin; 11th and 10th, point matte; 10th and 9th, point matte; 9th and 8th, point matte; 8th and 7th, point matte; take out the pin at 7 and replace it there between the 8th and 7th; 8th and 7th, point matte, closing pin; 8th and 9th, point matte; 9th and 10th, point matte; 10th and 11th, point matte, pin at 9, close; 10th and 9th. point matte; 9th and 8th, point matte; 8th and 7th, point matte; 7th and 6th, point matte, pin at 10, close; 7th and 8th, point matte; 8th and 9th, point matte; 9th and 10th, point matte, pin at 11, close; 9th and 8th, point matte; 8th and 7th, point matte; 7th and 6th, point matte; 6th and 5th, point matte, pin at 12, close; 6th and 7th, point matte; 7th and 8th, point matte; 8th and 9th, point matte, pin at 13, close; 8th and 7th, point matte; 7th and 6th, point matte; 6th and 5th, point matte; 5th and 4th, point matte, pin at 14, close; 5th and 6th, point matte; 6th and 7th, point matte; 7th and 8th, point matte, pin at 15, close; 7th and 6th, point matte; 6th and 5th, point matte; 5th and 4th, point matte; 4th and 3d, point matte, pin at 16, close; 4th and 5th, point matte; 5th and 6th, point matte; 6th and 7th, point matte, pin at 17, close; 6th and 5th, point matte; 5th and 4th, point matte; 4th and 3d, point matte; 3d and 2d, point; 2d and 1st, point, pin at 18, between the 2d and 3d; 2d and 3d, point, closing pin; 3d and 4th, point matte; 4th and 5th, point matte; 5th and 6th, point matte; 6th and 7th, point matte; take out the pin at 17 and replace it there between 6th and 7th; 6th and 7th, point matte, closing pin; 6th and 5th, point matte; 5th and 4th, point matte; 4th and 3d, point matte, pin at 19,

close; 4th and 5th, point matte; 5th and 6th, point matte; 6th and 7th, point matte.

11th and 12th, point; 12th and 13th, point, pin at 20, between the 11th and 12th; 11th and 12th, point, closing pin; 11th and 10th, half point, pin at 21, close; 11th and 12th point; 12th and 13th, point, pin at 22, between the 11th and 12th; 11th and 12th, point, closing pin; 11th and 10th, point; 8th and 9th, point; 9th and 10th, half point, pin at 23, close; 8th and 9th, half point, pin at 24, close; 10th and 11th, half point, pin at 25, close; 10th and 9th, half point, pin at 26, close; 11th and 10th, point; 11th and 12th, point; 12th and 13th, point, pin at 27, between the 11th and 12th; 11th and 12th, point, closing pin; 11th and 10th, point, pin at 28, close; 11th and 12th, point; 12th and 13th, point, pin at 29, between the 11th and 12th; 11th and 12th, point, closing pin; 11th and 10th, point; 8th and 9th, point; 7th and 8th, point matte, pin at 30, close; 7th and 6th, point matte; 6th and 5th, point matte; 5th and 4th, point matte, pin at 31, close; 5th and 6th, point matte; 6th and 7th, point matte; 7th and 8th, point matte; 8th and 9th, point matte, pin at 32, close; 8th and 7th, point matte; 7th and 6th, point matte; 6th and 5th, point matte, pin at 33, close; 6th and 7th, point matte; 7th and 8th, point matte; 8th and 9th, point matte; 9th and 10th, point matte, pin at 34, close; 9th and 8th, point matte; 8th and 7th, point matte; 7th and 6th, point matte, pin at 35.

4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 36, between the 2d and 3d; 2d and 3d, point, closing pin; 3d and 4th, half point, pin at 37, close; 3d and 2d, point; 2d and 1st, point, pin at 38, between the 2d and 3d; 2d and 3d, point, closing pin; 3d and 4th, point; 4th and 5th, half point, pin at 39.

6th and 7th, point matte; 7th and 8th, point matte; 8th and 9th, point matte; 9th and 10th, point matte; 10th and 11th, point, pin at 40. Repeat from beginning.

A Cluny Pattern.

Much used in France for trimming the sash curtain or "Brise Bise."

Thirty bobbins. Thread No. 450.

Place 15 pairs of bobbins on three pins.

3d and 4th, a tresse to 1; cross 3d and 4th with 5th, in point of 6, pin at 1, after the half point; 5th and 6th, point; twist 6th twice; 6th and 7th, point matte; 7th and 8th, point matte, pin at 2, close; 7th and 6th, point matte; twist 6th twice; 6th and 5th, point, pin at 3, close; twist 6th twice; 6th and 7th, point matte; 7th and 8th, point matte; cross 8th with 9th and 10th, in point of 6, pin at 4, after the half point; 8th and 7th, point matte; 7th and 6th, point matte; twist 6th twice; 6th and 5th, point, pin at 5, close; twist 6th twice; 6th and 7th, point matte; 7th and 8th, point matte.

1st and 2d, a tresse to 6; 3d and 4th, a tresse to 6; cross 1st and 2d with 3d and 4th, pin at 6, close; 1st and 2d, a tresse to 7; 3d and 4th, a tresse to 8.

Cross 11th and 12th with 13th, in point of 6, pin at 9, after the half point; 13th and 14th, point; twist 14th twice; 14th and 15th, point, pin at 10, close; twist outside pair; twist 14th twice; 14th and 13th, point, pin at 11, close; twist 14th twice; 14th and 15th, point, pin at 12, close; twist outside pair; twist 14th twice; 14th and 13th, point, pin at 13, close (draw bobbins to right, following upper line of design); twist 14th twice; 14th and 15th, point, pin at 14, close; twist outside pair; twist 14th twice; 14th and 13th point.

11th and 12th, a tresse to 15, pin and picot, a tresse to 16; 9th and 10th, point d'esprit; cross 9th and 10th with 11th and 12th, pin at 16, close; 9th and 10th, a tresse to 17; cross 9th and 10th with 8th, in point of 6, pin at 17, after the

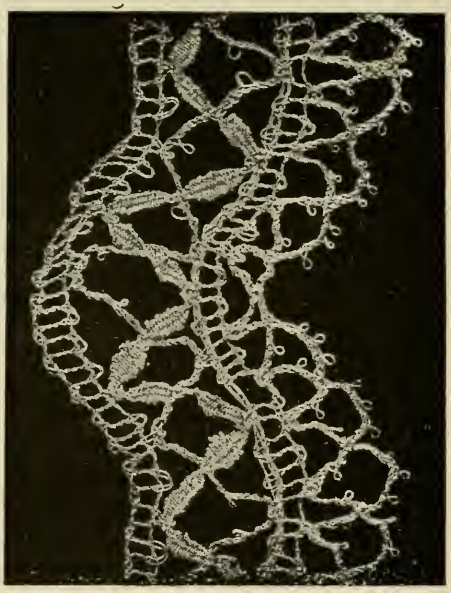


Fig. No. 7.

half point; 9th and 10th, a tresse to 18; 11th and 12th, point d' esprit; cross 11th and 12th with 13th, in point of 6, pin at 19, after the half point; 11th and 12th, point d' esprit; cross 11th and 12th with 10th and 9th, pin at 18, close; 11th and 12th, a tresse to 20; 9th and 10th, point d' esprit.

3d and 4th, a tresse to 8; 8th and 7th, point matte; 7th and 6th, point matte; twist 6th twice; 6th and 5th, point;

cross 5th with 3d and 4th in point of 6, pin at 8, after the half point; 3d and 4th, a tresse to 7; cross 3d and 4th with 1st and 2d, pin at 7, close; 3d and 4th, a tresse to 22, pin and picot, a tresse to 23; 5th and 6th, point; twist 6th twice; 6th and

Diag. No. 7.

7th, point matte; 7th and 8th, point matte, pin at 24, close; 7th and 6th, point matte; twist 6th twice; 6th and 5th, point, pin at 25, close; twist 6th twice; 6th and 7th, point matte; 7th and 8th, point matte, pin at 26, close; 7th and 6th, point matte; twist 6th twice; 6th and 5th, point; cross 5th with 4th

and 3^{d} in point of 6, pin at 23, after the half point; 5th and 6th, point; twist 6th twice; 6th and 7th, point matte; 7th and 8th, point matte, pin at 27, close; 7th and 6th, point matte; twist 6th twice; 6th and 5th, point, pin at 28, close; twist 6th twice; 6th and 7th, point matte; 7th and 8th, point matte; cross 8th with 9th and 10th in point of 6, pin at 21, after the half point; 8th and 7th, point matte; 7th and 6th, point matte; twist 6th twice; 6th and 5th point.

3^{d} and 4th, a tresse to 29, pin and picot, a tresse to 30; 1st and 2^{d}, a tresse to 31, pin and picot, a tresse to 32, pin and picot, a tresse to 33, pin and picot, a tresse to 30; cross 1st and 2^{d} with 3^{d} and 4th, pin at 30, close; 3^{d} and 4th, a tresse to 34, pin and picot, a tresse to 35; cross 3^{d} and 4th with 5th in point of 6, pin at 35, after the half point.

13th and 14th, point; twist 14th twice; 14th and 15th, point, pin at 36, close; twist outside pair; twist 14th twice; 14th and 13th, point, pin at 37, close (pull bobbins to right, following upper line of design); twist 14th twice; 14th and 15th, point, pin at 38, close; twist outside pair; twist 14th twice; 14th and 13th, point, pin at 39, close (pull bobbins to right, always outlining upper line of design with 13th pair); twist 14th twice; 14th and 15th, point, pin at 40, close; twist outside pair; twist 14th twice; 14th and 13th, point; cross 13th with 11th and 12th in point of 6, pin at 20, after the half point; 11th and 12th, a tresse to 41; 9th and 10th, point d' esprit; cross 9th and 10th with 11th and 12th, pin at 41, close; 11th and 12th, point d' esprit; 9th and 10th, a tresse to 43, pin and picot, a tresse to 44.

5th and 6th, point; twist 6th twice; 6th and 7th, point matte; 7th and 8th, point matte, pin at 45, close; 7th and 6th, point matte; twist 6th twice; 6th and 5th, point, pin at

46, close; twist 6th twice; 6th and 7th, point matte; 7th and 8th, point matte, pin at 47, close; 7th and 6th, point matte; twist 6th twice; 6th and 5th point.

3d and 4th, a tresse to 48, pin and picot, a tresse to 49; 1st and 2d, a tresse to 50, pin and picot, a tresse to 51, pin and picot, a tresse to 52, pin and picot, a tresse to 49; cross 1st and 2d with 3d and 4th, pin at 49, close; 3d and 4th, a tresse 53, pin and picot, a tresse to 54; cross 3d and 4th with 5th in point of 6, pin at 54, after the half point; 5th and 6th, point; twist 6th twice; 6th and 7th, point matte; 7th and 8th, point matte; cross 8th with 9th and 10th in point of 6, pin at 44, after the half point.

13th and 14th, point (keep bobbins pulled to right); twist 14th twice; 14th and 15th, point, pin at 55, close; twist outside pair; twist 14th twice; 14th and 13th, point, pin at 56, close; twist 14th twice; 14th and 15th, point, pin at 57, close; twist outside pair; twist 14th twice; 14th and 13th, point; cross 13th with 12th and 11th. in point of 6, pin at 42, after the half point.

11th and 12th, point d' esprit; 9th and 10th, a tresse to 59, pin and picot, a tresse to 58; cross 9th and 10th with 11th and 12th, pin at 58, close; 11th and 12th, a tresse to 60; 9th and 10th, point d' esprit.

8th and 7th, point matte; 7th and 6th, point matte; twist 6th twice; 6th and 5th, point.

3d and 4th, a tresse to 62, pin and picot, a tresse to 63; 1st and 2d, a tresse to 64, pin and picot, a tresse to 65, pin and picot, a tresse to 66, pin and picot, a tresse to 63; cross 1st and 2d with 3d and 4th, pin at 63, close; 3d and 4th, a tresse to 67, pin and picot, a tresse to 68; cross 3d and 4th with 5th in point of 6th, pin at 68, after the half point; 6th

and 5th, point; twist 6th twice; 6th and 7th, point matte; 7th and 8th, point matte, pin at 69, close; 7th and 6th, point matte; twist 6th twice; 6th and 5th, point, pin at 70, close; twist 6th twice; 6th and 7th, point matte; 7th and 8th, point matte, pin at 71, close; 7th and 6th, point matte; twist 6th twice; 6th and 5th, point.

3d and 4th, a tresse to 72, pin and picot, a tresse to 73; 1st and 2d, a tresse to 74, pin and picot, a tresse to 75, pin picot, a tresse to 76, pin and picot, a tresse to 73; cross 1st and 2d with 3d and 4th, pin at 73, close; 3d and 4th, a tresse to 77, pin and picot, a tresse to 78; cross 5th with 3d and 4th in point 6, pin at 78, after the half point; 5th and 6th, point; twist 6th twice; 6th and 7th, point matte; 7th and 8th, point matte; cross 8th with 9th and 10th, in point of 6, pin at 61, after the half point.

13th and 14th, point; twist 14th twice; 14th and 15th, point, pin at 79, close; twist outside pair; twist 14th twice; 14th and 13th, point, pin at 80, close; twist 14th twice; 14th and 15th, point, pin at 81, close; twist outside pair; twist 14th twice; 14th and 13th, point; cross 13th with 11th and 12th, in point of 6, pin at 60, after the half point; 11th and 12th, a tresse to 82; 9th and 10th, point d' esprit; cross 9th and 10th with 11th and 12th, pin at 82, close; 9th and 10th, a tresse to 83; 11th and 12th, point d' esprit; 13th and 14th, point; twist 14th twice; 14th and 15th, point, pin at 85, close; twist outside pair; twist 14th twice; 14th and 13th, point, pin at 86, close; twist 14th twice; 14th and 15th, point, pin at 87, close; twist outside pair; twist 14th twice; 14th and 13th, point; cross 13th with 12th and 11th, in point of 6, pin at 84, after the half point; 12th and 11th, point d' esprit.

8th and 7th, point matte; 7th and 6th, point matte; twist 6th twice; 6th and 5th, point, pin at 88, close; twist 6th twice; 6th and 7th, point matte; 7th and 8th, point matte, pin at 89, close; 7th and 6th, point matte; twist 6th twice; 6th and 5th, point.

3d and 4th, a tresse to 90, pin and picot, a tresse to 91; 1st and 2d, a tresse to 92, pin and picot, a tresse to 93, pin and picot, a tresse to 94, pin and picot, a tresse to 91; cross 1st and 2d with 3d and 4th, pin at 91, close; 3d and 4th, a tresse to 95, pin and picot, a tresse to 96; cross 3d and 4th with 5th, in point of 6, pin at 96, after the half point; 5th and 6th, point; twist 6th twice; 6th and 7th, point matte; 7th and 8th, point matte, pin at 97, close; 7th and 6th, point matte; twist 6th twice; 6th and 5th, point, pin at 98, close; twist 6th twice; 6th and 7th, point matte; 7th and 8th, point matte; cross 8th with 9th and 10th in point of 6, pin at 83, after the half point.

13th and 14th, point; twist 14th twice; 14th and 15th, point, pin at 99, close; twist outside pair; twist 14th twice; 14th and 13th, point, pin at 100, close; twist 14th twice; 14th and 15th, point, pin at 101, close; twist outside pair; twist 14th twice; 14th and 13th, point, pin at 102, close; twist 14th twice; 14th and 15th, point, pin at 103, close; twist outside pair; twist 14th twice; 14th and 13th, point, pin at 104, close; twist 14th twice; 14th and 15th, point, pin at 105, close; twist outside pair; twist 14th twice; 14th and 13th, point.

10th and 9th, a tresse to 106; cross 9th and 10th with 11th and 12th, pin at 106, close; 11th and 12th, a tresse to 107, pin and picot, a tresse to 9; 9th and 10th, point d'esprit; 8th and 7th, point matte; 7th and 6th, point matte; twist 6th twice; 6th and 5th, point.

3d and 4th, a tresse to 108, pin and picot, a tresse to 109; 1st and 2d, a tresse to 110, pin and picot, a tresse to 111, pin and picot, a tresse to 112, pin and picot, a tresse to 109; cross 1st and 2d with 3d and 4th, pin at 109, close. Repeat from beginning.

Pattern No. 8.—Point Vierge Insertion.

Forty bobbins. Thread No. 450.
Place 20 pairs of bobbins on 4 pins.

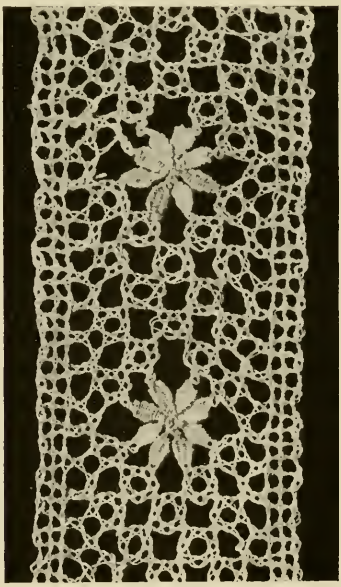
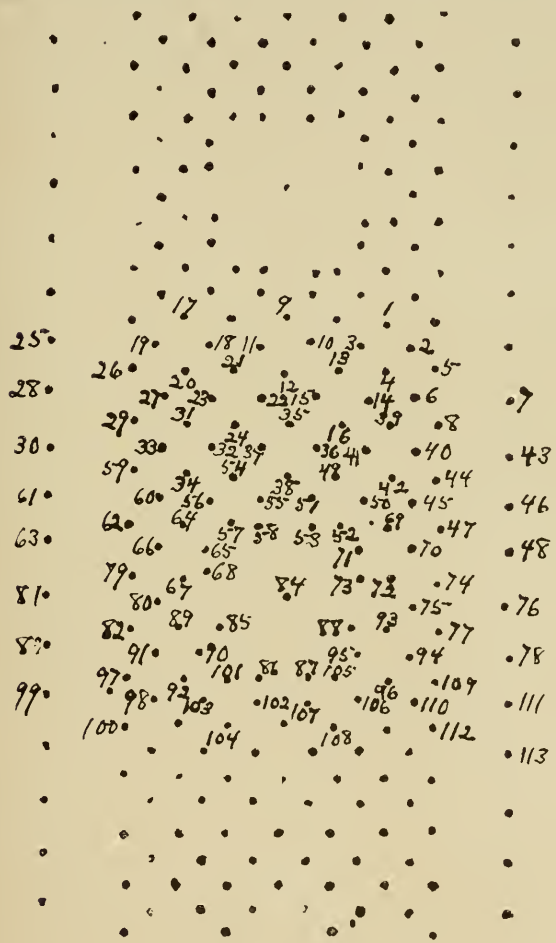


Fig. No. 8.

6th and 7th, half point, pin at 1, close; 5th and 6th, half point, pin at 2, close; 7th and 8th, half point, pin at 3, close;



Diag. No. 8.

6th and 7th, half point, pin at 4, close; 7th and 8th, point; 6th and 5th, point; 5th and 4th, half point, pin at 5, close; 5th and 6th, half point, pin at 6, close; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 7, close; 2d and 3d, point; 3d and 4th, point; 4th and 5th, half point, pin at 8, close; 10th and 11th, half point, pin at 9, close; 10th and 9th, half point, pin at 10, close; 11th and 12th, half point, pin at 11, close; 10th and 11th, half point, pin at 12, close; 11th and 12th, point; 10th and 9th, point; 8th and 9th, half point, pin at 13, close; 8th and 7th, half point, pin at 14, close; 9th and 10th, half point, pin at 15, close; 8th and 9th, half point, pin at 16, close; 9th and 10th, point; 8th and 7th, point; 14th and 15th, half point, pin at 17, close; 14th and 13th, half point, pin at 18, close; 15th and 16th, half point, pin at 19, close; 14th and 15th, half point, pin at 20, close; 15th and 16th, point; 14th and 13th, point; 12th and 13th, half point, pin at 21, close; 12th and 11th, half point, pin at 22, close; 13th and 14th, half point, pin at 23, close; 12th and 13th, half point, pin at 24, close; 13th and 14th, point; 12th and 11th, point; 19th and 20th, point, pin at 25, close; 19th and 18th, point; 18th and 17th, point; 17th and 16th, half point, pin at 26, close; 16th and 15th, half point, pin at 27, close; 17th and 18th, point; 18th and 19th, point; 19th and 20th, point, pin at 28, close; 19th and 18th, point; 18th and 17th, point; 17th and 16th, half point, pin at 29, close; 17th and 18th, point; 18th and 19th, point; 19th and 20th, point, pin at 30, close; 14th and 15th, half point, pin at 31, close; 14th and 13th, half point, pin at 32, close; 15th and 16th, half point, pin at 33, close; 14th and 15th, half point, pin at 34, close; 15th and 16th, point; 14th and 13th, point; 10th and 11th, half point, pin at 35, close; 10th

and 9th, half point, pin at 36, close; 11th and 12th, half point, pin at 37, close; 10th and 11th, half point, pin at 38, close; 11th and 12th, point; 10th and 9th, point; 6th and 7th, half point, pin at 39, close; 6th and 5th, half point, pin at 40, close; 7th and 8th, half point, pin at 41, close; 6th and 7th, half point, pin at 42, close; 7th and 8th, point; 6th and 5th, point; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 43, close; 2d and 3d, point; 3d and 4th, point; 4th and 5th, half point, pin at 44, close; 5th and 6th, half point, pin at 45, close; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 46, close; 2d and 3d, point; 3d and 4th, point; 4th and 5th, half point, pin at 47, close; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 48, close; 8th and 9th, half point, pin at 49, close; 8th and 7th, half point, pin at 50, close; 9th and 10th, half point, pin at 51, close; 8th and 9th, half point, pin at 52, close; 9th and 10th, point, pin at 53; 8th and 7th, point; 12th and 13th, half point, pin at 54, close; 12th and 11th, half point, pin at 55, close; 13th and 14th, half point, pin at 56, close; 12th and 13th, half point, pin at 57, close; 13th and 14th, point; 12th and 11th, point, pin at 58; 19th and 18th, point; 18th and 17th, point; 17th and 16th, half point, pin at 59, close; 16th and 15th, half point, pin at 60, close; 17th and 18th, point; 18th and 19th, point; 19th and 20th, point, pin at 61, close; 19th and 18th, point; 18th and 17th, point; 17th and 16th, half point, pin at 62, close; 17th and 18th, point; 18th and 19th, point; 19th and 20th, point, pin at 63, close; 14th and 15th, half point, pin at 64, close; 14th and 13th, half point, pin at 65, close; 15th and 16th, half point, pin at 66, close; 14th and 15th, half point, pin at 67, close; 15th and 16th, point; 14th and 13th, point, pin at 68; 6th and

7th, half point, pin at 69, close; 6th and 5th, half point, pin at 70, close; 7th and 8th, half point, pin at 71, close; 6th and 7th, half point, pin at 72, close; 7th and 8th, point, pin at 73; 6th and 5th, point; 2d and 3d, point; 3d and 4th, point; 4th and 5th, half point, pin at 74, close; 5th and 6th, half point, pin at 75, close; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 76, close; 2d and 3d, point; 3d and 4th, point; 4th and 5th, half point, pin at 77, close; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 78, close.

19th and 18th, point; 18th and 17th, point; 17th and 16th, half point, pin at 79, close; 16th and 15th, half point, pin at 80, close; 17th and 18th, point; 18th and 19th, point; 19th and 20th, point, pin at 81, close; 19th and 18th, point; 18th and 17th, point; 17th and 16th, half point, pin at 82, close; 17th and 18th, point; 18th and 19th, point; 19th and 20th, point, pin at 83, close.

11th and 12th, point d' esprit; 9th and 10th, point d' esprit; 13th and 14th, point d' esprit; 7th and 8th point d' esprit.

Cross the 11th and 12th with the 9th and 10th, regarding each pair as a single bobbin; the 13th and 14th with the 11th and 12th; the 9th and 10th with the 7th and 8th; the 11th and 12th with the 9th and 10th, drawing all tightly together that the crossing may fill the centre as little as possible, pin at 84, holding them firmly in place; 11th and 12th, point d' esprit, pin at 86, point; 9th and 10th, point d' esprit, pin at 87, point; 13th and 14th, point d' esprit, pin at 85, point; 7th and 8th, point d' esprit, pin at 88, point; 14th and 15th, half point, pin at 89, close; 14th and 13th, half point, pin at 90, close; 15th and 16th, half point, pin at 91, close; 14th

and 15th, half point, pin at 92, close; 15th and 16th, point; 14th and 13th, point; 6th and 7th, half point, pin at 93, close; 6th and 5th, half point, pin at 94, close; 7th and 8th, half point, pin at 95, close; 6th and 7th, half point, pin at 96, close; 7th and 8th, point; 6th and 5th, point; 19th and 18th, point; 18th and 17th, point; 16th and 17th, half point, pin at 97, close; 16th and 15th, half point, pin at 98, close; 17th and 18th, point; 18th and 19th, point; 19th and 20th, point, pin at 99, close; 19th and 18th, point; 18th and 17th, point; 17th and 16th, half point, pin at 100, close; 17th and 18th, point; 18th and 19th, point.

12th and 13th, half point, pin at 101, close; 12th and 11th, half point, pin at 102, close; 13th and 14th, half point, pin at 103, close; 12th and 13th, half point, pin at 104, close; 13th and 14th, point; 12th and 11th, point.

8th and 9th, half point, pin at 105, close; 8th and 7th, half point, pin at 106, close; 9th and 10th, half point, pin at 107, close; 8th and 9th, half point, pin at 108, close; 9th and 10th. point; 8th and 7th, point; 2d and 3d, point; 3d and 4th point; 4th and 5th, half point, pin at 109, close; 5th and 6th, half point, pin at 110, close; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 111, close; 2d and 3d, point; 3d and 4th, point; 4th and 5th, half point, pin at 112, close; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 113, close; 2d and 3d, point; 3d and 4th, point. Repeat from beginning.

Pattern No. 9.—Torchon Border.

Forty bobbins. Thread No. 96.

Place 20 pairs of bobbins on 4 or 5 pins.

1st and 2d, point grille ; 2d and 3d, point grille ; 3d and 4th, point grille ; 4th and 5th, point grille ; 5th and 6th, point grille, pin at 1, close ; 5th and 4th, point grille ; 4th and 3d,

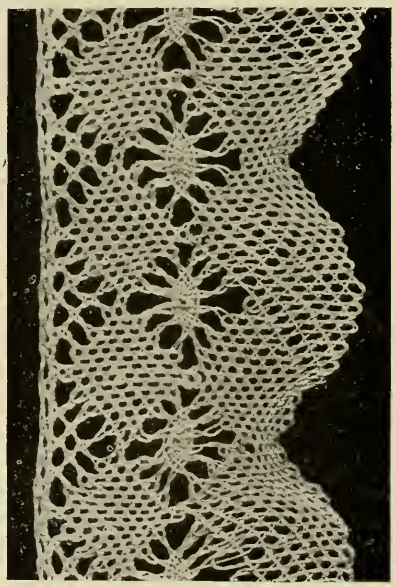
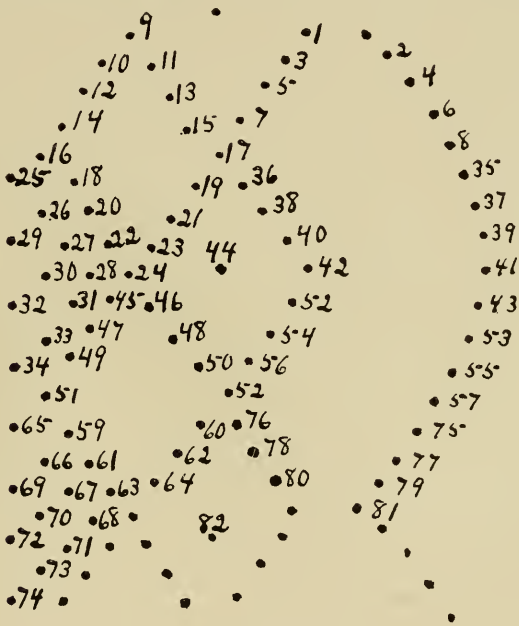


Fig. No. 9.

point grille ; 3d and 2d, point grille ; 2d and 1st, point grille, pin at 2, close ; 2d and 3d, point grille ; 3d and 4th, point grille ; 4th and 5th, point grille ; 5th and 6th, point grille ; 6th and 7th, point grille, pin at 3, close ; 6th and 5th, point grille ; 5th and 4th, point grille ; 4th and 3d, point grille ;

3d and 2d, point grille; 2d and 1st, point grille, pin at 4, close; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille, pin at 5, close; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point



Diag. No. 9.

grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 6, close; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille, pin at 7, close; 8th and 7th,

point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 8, close; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille.

13th and 14th, half point, pin at 9, close.

14th and 15th, point grille, pin at 10, close; 14th and 13th, point grille; 13th and 12th, point grille, pin at 11, close; 13th and 14th, point grille; 14th and 15th, point grille; 15th and 16th, point grille, pin at 12, close; 15th and 14th, point grille; 14th and 13th, point grille; 13th and 12th, point grille; 12th and 11th, point grille, pin at 13, close; 12th and 13th, point grille; 13th and 14th, point grille; 14th and 15th, point grille; 15th and 16th, point grille; 16th and 17th, point grille, pin at 14, close; 16th and 15th, point grille; 15th and 14th, point grille; 14th and 13th, point grille; 13th and 12th, point grille; 12th and 11th, point grille; 11th and 10th, point grille, pin at 15, close; 11th and 12th, point grille, 12th and 13th, point grille; 13th and 14th, point grille; 14th and 15th, point grille; 15th and 16th, point grille; 16th and 17th, point grille; 17th and 18th, point grille, pin at 16, close; 17th and 16th, point grille; 16th and 15th, point grille; 15th and 14th, point grille; 14th and 13th, point grille; 13th and 12th, point grille; 12th and 11th, point grille; 11th and 10th, point grille; 10th and 9th, point grille, pin at 17, close; 10th and 11th, point grille; 11th and 12th, point grille; 12th and 13th, point grille; 13th and 14th, point grille; 14th and 15th, point grille; 15th and 16th, point grille; 16th and 17th, point grille, pin at 18, close; 16th and 15th, point grille; 15th and 14th, point grille;

14th and 13th, point grille; 13th and 12th, point grille; 12th and 11th, point grille; 11th and 10th, point grille, pin at 19, close; 11th and 12th, point grille; 12th and 13th, point grille; 13th and 14th, point grille; 14th and 15th, point grille; 15th and 16th, point grille, pin at 20, close; 15th and 14th, point grille; 14th and 13th, point grille; 13th and 12th, point grille; 12th and 11th, point grille, pin at 21, close; 12th and 13th, point grille; 13th and 14th, point grille; 14th and 15th, point point grille, pin at 22, close; 14th and 13th, point grille; 13th and 12th, point grille, pin at 23, close.

14th and 13th, half point, pin at 24, close.

18th and 19th, point, pin at 25; 19th and 20th, point; twist outside pair; 19th and 18th, point, closing pin.

18th and 17th, half point, pin at 26, close; 17th and 16th, half point, pin at 27, close; 16th and 15th, half point, pin at 28, close; 18th and 19th, point, pin at 29; 19th and 20th, point; twist outside pair; 19th and 18th, point, closing pin; 18th and 17th, half point, pin at 30, close; 17th and 16th, half point, pin at 31, close; 18th and 19th, point, pin at 32; twist outside pair; 19th and 18th, point, closing pin; 18th and 17th, half point, pin at 33; close; 18th and 19th, point, pin at 34; 19th and 20th, point; twist outside pair; 19th and 18th, point, closing pin.

9th and 8th, point grille; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 35, close; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille, pin at 36, close; 8th and 7th, point grille; 7th and 6th, point grille; 6th

and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 37, close; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille, pin at 38, close; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 39, close; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille, pin at 40, close; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 41, close; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille, pin at 42, close; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 43, close.

Twist the 7th, 8th, 9th, 10th, 11th and 12th pairs twice; 9th and 10th, point matte; 10th and 11th, point matte; 11th and 12th, point matte; 8th and 9th, point matte; 9th and 10th, point matte; 10th and 11th, point matte; th7 and 8th, point matte; 8th and 9th, point matte; 9th and 10th, point matte; draw the threads firmly together, pin at 44; 9th and 10th, point matte; 10th and 11th, point matte; 11th and 12th, point matte; 8th and 9th, point matte; 9th and 10th, point matte; 10th and 11th, point matte; 7th and 8th, point matte; 8th and 9th, point matte; 9th and 10th, point matte; draw smoothly into place; twist the 7th, 8th, 9th, 10th, 11th and 12th pairs twice.

14th and 15th, point grille, pin at 45, close; 14th and 13th, point grille; 13th and 12th, point grille, pin at 46,

close; 13th and 14th, point grille; 14th and 15th, point grille; 15th and 16th, point grille, pin at 47, close; 15th and 14th, point grille; 14th and 13th, point grille; 13th and 12th, point grille; 12th and 11th, point grille, pin at 48, close; 12th and 13th, point grille; 13th and 14th, point grille; 14th and 15th, point grille; 15th and 16th, point grille; 16th and 17th, point grille, pin at 49, close; 16th and 15th, point grille; 15th and 14th, point grille; 14th and 13th, point grille; 13th and 12th, point grille; 12th and 11th, point grille; 11th and 10th, point grille, pin at 50, close; 11th and 12th, point grille; 12th and 13th, point grille; 13th and 14th, point grille; 14th and 15th, point grille; 15th and 16th, point grille; 16th and 17th, point grille; 17th and 18th, point grille, pin at 51, close; 17th and 16th, point grille; 16th and 15th, point grille; 15th and 14th, point grille; 14th and 13th, point grille; 13th and 12th, point grille; 12th and 11th, point grille; 11th and 10th, point grille.

2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille, pin at 52, close; 6th, and 5th, point grille; 5th and 4th, point grille: 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 53, close; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille, pin at 54, close; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 55, close; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille, pin at 56, close; 8th

and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 57, close; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille; 9th and 10th, point grille, pin at 58, close; 10th and 11th, point grille; 11th and 12th, point grille; 12th and 13th, point grille; 13th and 14th, point grille; 14th and 15th, point grille; 15th and 16th, point grille; 16th and 17th, point grille, pin at 59, close; 16th and 15th, point grille; 15th and 14th, point grille; 14th and 13th, point grille; 13th and 12th, point grille; 12th and 11th, point grille; 11th and 10th, point grille, pin at 60, close; 11th and 12th, point grille; 12th and 13th, point grille; 13th and 14th, point grille; 14th and 15th, point grille; 15th and 16th, point grille, pin at 61, close; 15th and 14th, point grille; 14th and 13th, point grille; 13th and 12th, point grille; 12th and 11th, point grille, pin at 62, close; 12th and 13th, point grille; 13th and 14th, point grille; 14th and 15th, point grille, pin at 63, close; 14th and 13th, point grille; 13th and 12th, point grille, pin at 64, close.

18th and 19th, point, pin at 65; 19th and 20th, point; twist outside pair; 19th and 18th, point, closing pin; 18th and 17th, half point, pin at 66, close; 17th and 16th, half point, pin at 67, close; 16th and 15th, half point, pin at 68, close; 18th and 19th, point, pin at 69; 19th and 20th, point; twist outside pair; 19th and 18th, point, closing pin; 18th and 17th, half point, pin at 70, close; 17th and 16th, half point, pin at 71, close; 18th and 19th, point, pin at 72; 19th and 20th, point; twist outside pair; 19th and 18th, point,

closing pin ; 18th and 17th, half point, pin at 73, close ; 18th and 19th, point, pin at 74 ; 19th and 20th, point ; twist outside pair ; 19th and 18th, point, closing pin.

9th and 8th, point grille ; 8th and 7th, point grille ; 7th and 6th, point grille ; 6th and 5th, point grille ; 5th and 4th, point grille ; 4th and 3d, point grille ; 3d and 2d, point grille ; 2d and 1st, point grille, pin at 75, close ; 2d and 3d, point grille ; 3d and 4th, point grille ; 4th and 5th, point grille ; 5th and 6th, point grille ; 6th and 7th, point grille ; 7th and 8th, point grille ; 8th and 9th, point grille, pin at 76, close ; 8th and 7th, point grille ; 7th and 6th, point grille ; 6th and 5th, point grille ; 5th and 4th, point grille ; 4th and 3d, point grille ; 3d and 2d, point grille ; 2d and 1st, point grille, pin at 77, close ; 2d and 3d, point grille ; 3d and 4th, point grille ; 4th and 5th, point grille ; 5th and 6th, point grille ; 6th and 7th, point grille ; 7th and 8th, point grille, pin at 78, close ; 7th and 6th, point grille ; 6th and 5th, point grille ; 5th and 4th, point grille ; 4th and 3d, point grille ; 3d and 2d, point grille ; 2d and 1st, point grille, pin at 79, close ; 2d and 3d, point grille ; 3d and 4th, point grille ; 4th and 5th, point grille ; 5th and 6th, point grille ; 6th and 7th, point grille, pin at 80, close ; 6th and 5th, point grille ; 5th and 4th, point grille ; 4th and 3d, point grille ; 3d and 2d, point grille ; 2d and 1st, point grille, pin at 81.

Twist the 7th, 8th, 9th, 10th, 11th, 12th, pairs twice ; 9th 10th, point matte ; 10th and 11th, point matte ; 11th and 12th, point matte ; 8th and 9th, point matte ; 9th and 10th, point matte ; 10th and 11th, point matte ; 7th and 8th, point matte ; 8th and 9th, point matte ; 9th and 10th, point matte, pin at 82 ; 9th and 10th, point matte ; 10th and 11th, point matte ; 11th and 12th, point matte ; 8th and th9, point matte ; 9th and

10th, point matte; 10th and 11th, point matte; 7th and 8th, point matte; 8th and 9th, point matte; 9th and 10th, point matte. Twist the 7th, 8th, 9th, 10th, 11th and 12th pairs twice. Repeat from beginning.

Pattern No. 10.—Border of Point Vierge and Point d' Esprit.

Fifty-six bobbins. Thread No. 54 or 96.

Place 28 pairs of bobbins on several pins back of design.

Pin at 1, between 2d and 3d pair; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille;

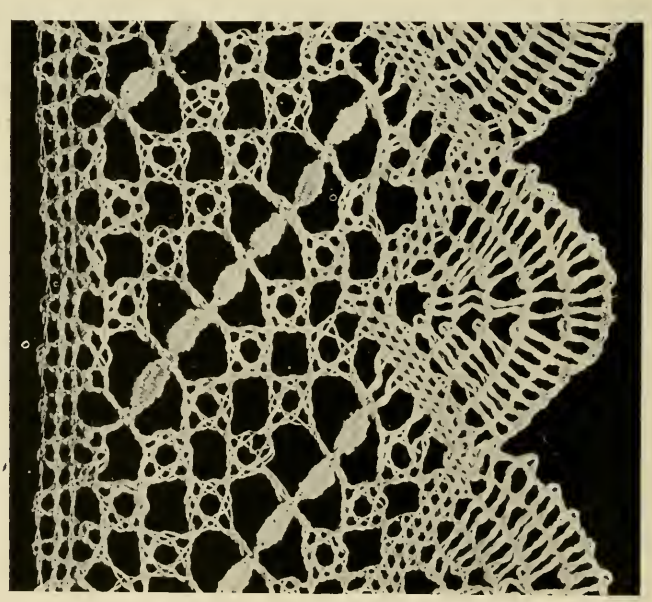
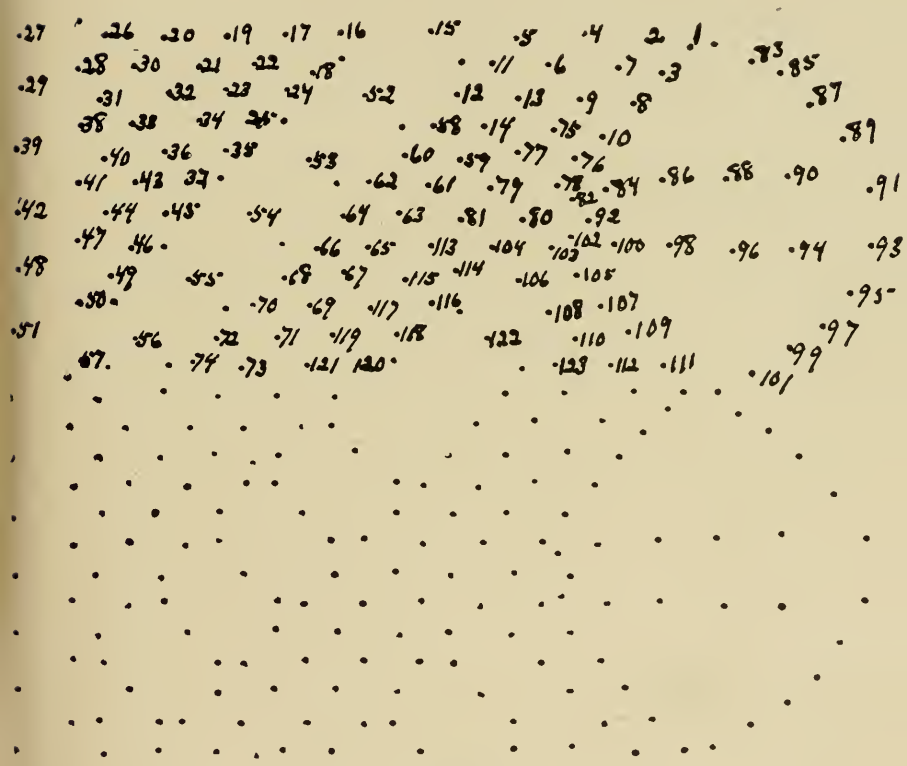


Fig. No. 10.

5th and 6th, point grille, pin at 2, close; 5th and 4th, point grille; 4th and 3d, point grille, pin at 3, close; 4th and 5th, point grille; 5th and 6th, point grille; 7th and 8th, half point, pin at 4, close; 9th and 10th, half point, pin at 5, close; 8th and 9th, half point, pin at 6, close; 9th and 10th point; 8th



Diag. No. 10.

and 7th, point; 7th and 6th, point grille, pin at 7, close; 6th and 5th, point grille; 5th and 4th, point grille, pin at 8, close; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille, pin at 9, close; 7th and 6th, point grille; 6th and 5th, point grille, pin at 10, close; 6th and 7th, point grille; 7th and 8th, point grille.

10th and 11th, half point, pin at 11, close; 11th and 12th, half point, pin at 12, close; 10th and 9th, half point, pin at 13, close; 10th and 11th, half point, pin at 14, close; 11th and 12th, point; 10th and 9th, point. Pin at 15, between the 13th and 14th; 13th and 14th, point d' esprit; 15th and 16th, half point, pin at 16, close; 17th and 18th, half point, pin at 17, close; 17th and 16th, half point, pin at 18, close; 15th and 16th, two points; 17th and 18th, point; 19th and 20th, half point, pin at 19, close; 21st and 22d, half point, pin at 20, close; 20th and 21st, half point, pin at 21, close; 21st and 22d, point; 19th and 20th, point.

19th and 18th, half point, pin at 22, close; 19th and 20th, half point, pin at 23, close; 18th and 17th, half point, pin at 24, close; 19th and 18th, half point, pin at 25, close; 18th and 17th, two points; 19th and 20th, point.

23d and 24th, half point, pin at 26, close; 28th and 27th, point, pin at 27, close; 27th and 26th, point; 26th and 25th, point; 25th and 24th point, pin at 28, close; 25th and 26th, point; 26th and 27th, point; 27th and 28th point, pin at 29, close; 27th and 26th, point; 26th and 25th, point; 24th and 23d, point; 23d and 22d, half point, pin at 30, close; 23d and 24th, half point, pin at 31, close; 22d and 21st, half point, pin at 32, close; 22d and 23d, half point, pin at 33, close; 23d and 24th, point; 22d and 21st, point;

21st and 20th, half point, pin at 34, close; 20th and 19th, half point, pin at 35, close; 21st and 22d, half point, pin at 36, close; 21st and 20th, half point, pin at 37, close; 21st and 22d, point; 20th and 19th, two points.

25th and 24th, point, pin at 38, close; 25th and 26th, point; 26th and 27th, point; 27th and 28th, point, pin at 39, close; 27th and 26th, point; 26th and 25th, point; 24th and 23d, half point, pin at 40, close; 24th and 25th, point, pin at 41, close; 25th and 26th, point; 26th and 27th, point; 27th and 28th, point, pin at 42, close; 27th and 26th, point; 26th and 25th, point; 24th and 23d, point; 23d and 22d, half point, pin at 43, close; 23d and 24th, half point, pin at 44, close; 22d and 21st, half point, pin at 45, close; 23d and 22d, half point, pin at 46, close; 23d and 24th, point; 22d and 21st, two points.

24th and 25th, point, pin at 47, close; 25th and 26th, point; 26th and 27th, point; 27th and 28th, point, pin at 48, close; 27th and 26th, point; 26th and 25th, point; 24th and 23d, half point, pin at 49, close; 24th and 25th, point, pin at 50, close; 24th and 23d, two points; 25th and 26th, point; 26th and 27th, point; 27th and 28th, point, pin at 51, close.

Cross the 13th and 14th with 15th and 16th, pin at 52, close; 15th and 16th, point d' esprit; cross the 15th and 16th with 17th and 18th, pin at 53, close; 17th and 18th, point d' esprit; cross the 17th and 18th with 19th and 20th, pin at 54, close; 19th and 20th, point d' esprit; cross the 19th and 20th with 21st and 22d, pin at 55, close; 21st and 22d, point d' esprit; cross the 21st and 22d with 23d and 24th, pin at 56, close; 23d and 24th, two points; 27th and 26th, point; 26th 25th, point; 25th and 24th, point, pin at 57, close; 25th and 26th, point; 26th and 27th, point; 27th and 28th, point.

13th and 14th, two points; 13th and 12th, half point, pin at 58, close; 12th and 11th, half point, pin at 59, close; 13th and 14th, half point, pin at 60, close; 13th and 12th, half point, pin at 61, close; 13th and 14th, point; 12th and 11th, point; 15th and 16th, two points; 15th and 14th, half point, pin at 62, close; 15th and 16th, half point, pin at 63, close; 14th and 13th, half point, pin at 64, close; 14th and 15th half point, pin at 65, close; 15th and 16th, point; 14th and 13th, point; 17th and 18th, two points; 17th and 16th, half point, pin at 66, close; 16th and 15th, half point, pin at 67, close; 17th and 18th, half point, pin at 68, close; 17th and 16th, half point, pin at 69, close; 17th and 18th, point; 16th and 15th, point; 19th and 20th, two points; 19th and 18th, half point, pin at 70, close; 18th and 17th, half point, pin at 71, close; 19th and 20th, half point, pin at 72, close; 19th and 18th, half point, pin at 73, close; 19th and 20th, point; 18th and 17th, point; 21st and 22d, two points; 21st and 20th, half point, pin at 74, close.

8th and 9th, point grille, pin at 75, close; 8th and 7th, point grille; 7th and 6th, point grille, pin at 76, close; 7th and 8th, point grille; 8th and 9th, point grille; 9th and 10th, point grille, pin at 77, close; 9th and 8th, point grille; 8th and 7th, point grille, pin at 78, close; 8th and 9th, point grille; 9th and 10th, point grille; 10th and 11th, point grille, pin at 79, close; 10th and 9th, point grille; 9th and 8th, point grille, pin at 80, close; 10th and 11th point grille; 11th and 12th, point grille, pin at 81.

1st and 2d, point; 2d and 3d, point; 3d and 4th, point; 4th and 5th, point; 5th and 6th, point; 6th and 7th, point, pin at 82, close; 6th and 5th, point; 5th and 4th, point; 4th and

3d, point; 3d and 2d, point; 2d and 1st, point, pin at 83, close; 2d and 3d, point; 3d and 4th, point; 4th and 5th, point; 5th and 6th, point, pin at 84, close; 5th and 4th, point; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 85, close; 2d and 3d, point; 3d and 4th, point; 4th and 5th, point, pin at 86, close; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 87, close; 2d and 3d, point; 3d and 4th, point, pin at 88, close; 3d and 2d, point; 2d and 1st, point, pin at 89, close; 2d and 3d, point, pin at 90, close; 2d and 1st, point, pin at 91, close; 2d and 3d, point; 3d and 4th, point; 4th and 5th, point; 5th and 6th, point; 6th and 7th, point, pin at 92, close; 6th and 5th, point; 5th and 4th, point; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 93, close; 2d and 3d, point, pin at 94, close; 2d and 1st, point, pin at 95, close; 2d and 3d, point; 3d and 4th, point, pin at 96, close; 3d and 2d, point; 2d and 1st, point, pin at 97, close; 2d and 3d, point; 3d and 4th, point; 4th and 5th, point, pin at 98, close; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 99, close; 2d and 3d, point; 3d and 4th, point; 4th and 5th, point; 5th and 6th, point, pin at 100, close; 5th and 4th, point; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point, pin at 101, close; 2d and 3d, point; 3d and 4th, point; 4th and 5th, point; 5th and 6th, point; 6th and 7th, point, pin at 102, close; 6th and 5th, point; 5th and 4th, point; 4th and 3d, point; 3d and 2d, point; 2d and 1st, point.

11th and 12th, point grille; 11th and 10th, point grille; 10th and 9th, point grille; 9th and 8th, point grille; 8th and 7th, point grille, pin at 103, close; 8th and 9th, point grille; 9th and 10th, point grille; 10th and 11th, point grille, pin at 104, close; 10th and 9th, point grille; 9th and 8th, point

grille; 8th and 7th, point grille; 7th and 6th, point grille, pin at 105, close; 7th and 8th, point grille; 8th and 9th, point grille; 9th and 10th, point grille, pin at 106, close; 9th and 8th, point grille; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille, pin at 107, close; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille, pin at 108, close; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille, pin at 109, close; 5th and 6th, point grille; 6th and 7th, point grille; 7 and 8th, point grille, pin at 110, close; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille, pin at 111, close; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille, pin at 112, close; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille.

12th and 13th, half point, pin at 113, close; 12th and 11th, half point, pin at 114, close; 13th and 14th, half point, pin at 115, close; 12th and 13th, half point, pin at 116, close; 12th and 11th, two points; 13th and 14th, point; 14th and 15th, half point, pin at 117, close; 14th and 13th, half point, pin at 118, close; 15th and 16th, half point, pin at 119, close; 14th and 15th, half point, pin at 120, close; 14th and 13th, two points; 15th and 16th, point; 16th and 17th, half point, pin at 121, close.

Cross the 9th and 10th, twisted three times, with the 11th and 12th, pin at 122, close; 11th and 12th, point d'esprit; cross the 11th and 12th, with 13th and 14th; 9th and 10th, two points; 9th and 8th, half point, pin at 123, close. Repeat from beginning.

Pattern No. 11.

Sixty-six bobbins. Thread No. 500.

Place 33 pairs of bobbins on several pins back of design.

16th and 17th, a tresse to 1, pin; 20th and 21st, a tresse to 2; cross 18th and 19th with 20th and 21st, pin at 2, close; 18th and 19th, a tresse to 3; 20th and 21st, a tresse, picots at 4 and 5, a tresse to 6; 22d and 23d, a tresse to 6; cross 22d and 23d with 20th and 21st, pin at 6, close; 20th and 21st, a tresse to 8.

12th and 13th, a tresse to 9; cross 12th and 13th with 14th and 15th, pin at 9, close; 14th and 15th, a tresse to 10; 12th and 13th, a tresse, picots at 11 and 12, a tresse to 13; 11th and 10th, a tresse to 13; cross 11th and 10th with 12th and 13th, pin at 13, close; 12th and 13th, a tresse to 15.

17th and 18th, point grille; 17th and 16th, point grille; 16th and 15th, point grille; 15th and 14th, point grille, pin at 10, close; 15th and 16th, point grille; 16th and 17th, point grille; 17th and 18th, point grille; 18th and 19th, point grille, pin at 3, close; 18th and 17th, point grille; 17th and 16th, point grille; 16th and 15th, point grille; 15th and 14th, point grille; 14th and 13th, point grille, pin at 14, close; 14th and and 15th, point grille; 15th and 16th, point grille; 16th and 17th, point grille; 17th and 18th, point grille; 18th and 19th, point grille; 19th and 20th, point grille, pin at 7, close; 19th and 18th, point grille; 18th and 17th, point grille; 17th and 16th, point grille; 16th and 15th, point grille; 15th and 14th, point grille; 14th and 13th, point grille; 13th and 12th, point

grille, pin at 15, close; 13th and 14th, point grille; 14th and 15th, point grille; 15th and 16th, point grille; 16th and 17th, point grille; 17th and 18th, point grille; 18th and 19th, point grille; 19th and 20th, point grille; 20th and 21st, point grille, pin at 8, close; 20th and 19th, point grille; 19th and 18th,

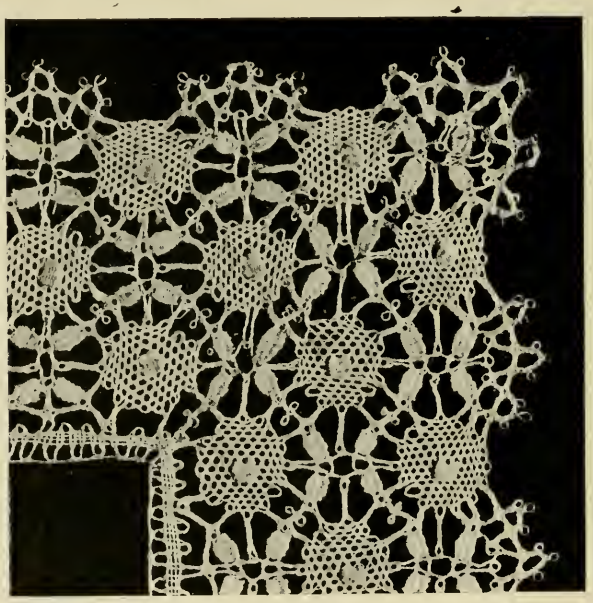
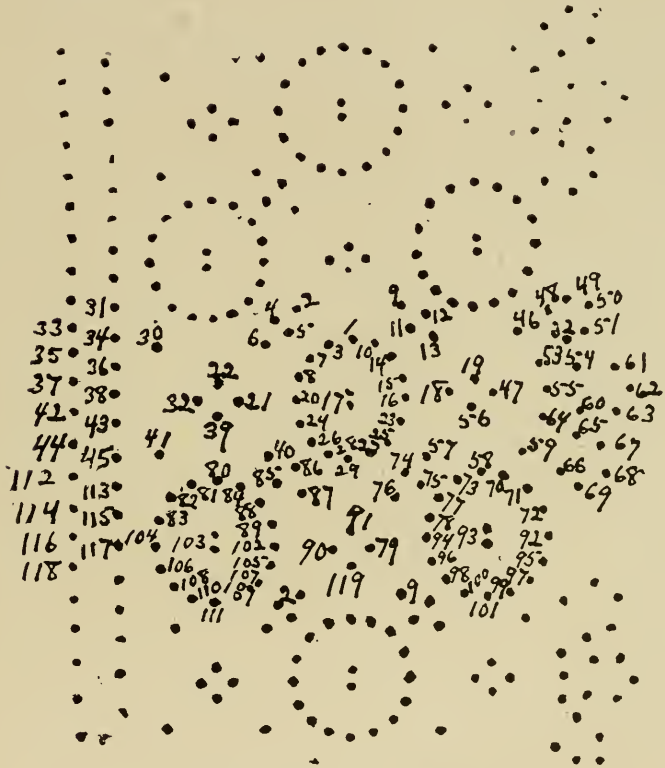


Fig. No. 11.

point grille; 18th and 17th, point grille; 17th and 16th, point grille; 16th and 15th, point grille; 15th and 14th, point grille; 14th and 13th, point grille; 13th and 12th, point grille.

11th and 10th, point d' esprit to 18; 9th and 8th, a tresse to 19, pin, close; twist 9th pair three times; 9th and 10th,

point; 10th and 11th, point, pin at 18, between 9th and 10th, pairs; twist 11th pair four times; 11th and 12th, point, pin at 16, close.



Diag. of Border to Fig. No. 11.

Pin at 17 (upper hole) between 16th and 17th pairs; 16th and 17th, point d' esprit, pin at 17, lower hole, removing upper pin if necessary, but carefully avoiding any separa-

tion between the crossing lines of grille, the point d' esprit being raised between them; 12th and 13th, point grille; 13th and 14th, point grille; 14th and 15th, point grille; 15th and 16th, point grille; 16th and 17th, point grille; 17th and 18th point grille; 18th and 19th, point grille; 19th and 20th, point grille; 20th and 21st, point grille.

22d and 23d, point d' esprit to 21; 24th and 25th, a tresse to 22, pin, close; twist 24th pair three times; 23d and 24th, point; 23d and 22d, point, pin at 21, between 23d and 24th pairs; twist 22d pair four times; 22d and 21st, point, pin at 20, close. (Be sure that crossing grille is drawn tightly to prevent any drawing apart of grille in centre of figure.) 21st and 20th, point grille; 20th and 19th, point grille; 19th and 18th, point grille; 18th and 17th, point grille; 17th and 16th, point grille; 16th and 15th, point grille; 15th and 14th, point grille; 14th and 13th, point grille; 13th and 12th, point grille, pin at 23, close; 13th and 14th, point grille; 14th and 15th, point grille; 15th and 16th, point grille; 16th and 17th, point grille; 17th and 18th, point grille; 18th and 19th, point grille; 19th and 20th, point grille; 20th and 21st, point grille, pin at 24, close; 20th and 19th, point grille; 19th and 18th, point grille; 18th and 17th, point grille; 17th and 16th, point grille; 16th and 15th, point grille; 15th and 14th, point grille, pin at 25, close; 15th and 16th, point grille; 16th and 17th, point grille; 17th and 18th, point grille; 18th and 19th, point grille, pin at 26, close; 18th and 17th, point grille; 17th and 16th, point grille; 16th and 15th, point grille; 15th and 14th, point grille, pin at 27, close; 15th and 16th, point grille; 16th and 17th, point grille; 17th and 18th, point grille; 18th and 19th, point grille, pin at 28, close; 18th and 17th, point grille; 17th and 16th, point grille, pin at 29, close.

Twist the 22d pair four times; 22d and 23d, point; 23d and 24th, point; 26th and 27th, a tresse to 30; 28th and 29th, a tresse to 31; cross the 28th and 29th with 30th, in point of 6, pin at 31, close; 28th and 29th, a tresse to 30; cross the 28th and 29th with 26th and 27th, pin at 30, close; 26th and 27th, point d' esprit to 32; twist 25th pair three times; 25th and 26th, point; 26th and 27th point, pin at 32, between 25th and 26th pairs; twist 27th pair four times.

30th and 31st, point matte; 31st and 32d, point matte, twist 32d pair twice, pin at 33; twist outside pair twice; 33d and 32d, point; twist 32d pair twice; 32d and 31st, point matte, closing pin; 31st and 30th, point matte, twist 30th pair three times, pin at 34, close; 31st and 32d, point matte, twist 32d pair twice, pin at 35; twist outside pair twice; 32d and 33d, point; twist 32d pair twice; 32d and 31st, point matte, closing pin; 31st and 30th, point matte, twist 30th pair three times, pin at 36, close; 31st and 32d, point matte, twist 32d pair twice, pin at 37; twist outside pair twice; 32d and 33d point; twist 32d pair twice; 32d and 31st, point matte, closing pin; 31st and 30th, point matte; twist 30th pair twice; 28th and 19th, a tresse to 38; cross the 27th with 28th and 29th in point of 6; then cross the 30th with the 29th and 28th in point of 6, pin at 38, close, crossing 28th and 29th with 30th, then 29th with 28th and 27th; twist 27th pair four times; 27th and 26th, point; 26th and 25th, point; twist 25th pair; twist 24th pair; 24th and 25th, point, pin at 39, close.

22d and 23d, point d' esprit to 40; 20th and 21st, a tresse to 40; cross the 20th and 21st with 22d and 23d, pin at 40, close.

26th and 27th, point d' esprit to 41; 28th and 29th, a tresse to 41; cross the 28th and 29th with 26th and 27th, pin at 41, close.

30th and 31st, point matte; 31st and 32d, point matte, twist 32d pair twice, pin at 42; twist outside pair twice; 32d and 33d, point; twist 32d pair twice; 32d and 31st, point matte, closing pin; 31st and 30th, point matte, twist 30th pair three times, pin at 43; 30th and 31st, point matte, closing pin; 31st and 32d, point matte, twist 32d pair twice, pin at 44; twist outside pair twice; 33d and 32d, point; twist 32d pair twice; 32d and 31st, point matte, closing pin; 31st and 30th, point matte; twist 30th pair; 28th and 29th, a tresse to 45; cross the 28th and 29th with 30th, in point of 6, pin at 45, close; twist the 11th pair three times; 11th and 10th, point; 10th and 9th, point.

7th, 6th and 5th pairs, "a cord of 6," to 46; 4th and 3d pairs, a tresse to 46; cross the 3d and 4th with 5th in point of 6, then cross the 7th and 6th with 5th and 4th, pin at 46, close, crossing 7th and 6th with 5th and 4th, then 5th and 4th with 3d in point of 6; 6th and 7th, point d' esprit to 47; twist the 8th pair three times; 8th and 7th, point; 7th and 6th, point, pin between 7th and 8th; twist the 6th pair four times.

3d and 4th, a tresse to 48; 1st and 2d, a tresse to 48; cross the 1st and 2d with 3d and 4th, pin at 48, close; 3d and 4th, a tresse to 52; 1st and 2d, a tresse to 49, picot, a tresse to 50, picot, a tresse to 51, picot, a tresse to 52; cross 1st and 2d with 3d and 4th, pin at 52, close; 3d and 4th, a tresse to 53; twist the 5th pair five times; cross 4th and 3d with 5th in point of 6, pin at 53, close; 3d and 4th, a tresse to 54; 1st and 2d, a tresse to 54; cross 1st and 2d with 3d and 4th, pin at 54, close; twist 5th pair three times; 5th and 6th, point, pin at 55, close; twist 6th pair four times; 6th and 7th, point; 7th and 8th, point; twist 8th pair three times; twist 9th pair

three times; 8th and 9th, point, pin at 56, close; 10th and 11th, point d' esprit to 57; 12th and 13th, a tresse to 57; cross the 10th and 11th with 12th and 13th, pin at 57, close; 8th and 9th, a tresse to 58; 7th and 6th, point d' esprit to 59; 3d and 4th, a tresse to 60; 1st and 2d, a tresse to 61, picot, tresse to 62, picot, tresse to 63, picot, tresse to 60; cross the 1st and 2d with 3d and 4th, at 60, pin, close; twist the 5th pair three times; 3d and 4th, a tresse to 64; cross the 3d and 4th with 5th in point of 6, pin at 64, close; 3d and 4th, a tresse to 65; 1st and 2d, a tresse to 65; cross 3d and 4th with 1st and 2d, pin at 65, close; 3d and 4th, a tresse to 66; 1st and 2d, a tresse to 67, picot, tresse to 68, picot, tresse to 69, picot, tresse to 66; cross 3d and 4th with 1st and 2d, pin at 66, close; twist the 5th pair four times; 3d and 4th, a tresse to 59; cross the 5th with 6th and 7th in point of 6, then the 6th and 5th with 4th and 3d, pin at 59, close, crossing 6th and 5th with 4th and 3d, then 7th with 6th and 5th in point of 6; 6th and 7th, a tresse to 70; 5th and 4th and 3d, a cord of 6, to 71; 1st and 2d, a tresse to 72.

10th and 11th, a tresse to 73; 12th and 13th, a tresse, picots at 74 and 75, a tresse to 76; 14th and 15th, a tresse to 76; cross the 14th and 15th with 12th and 13th, pin at 76, close; 12th and 13th, a tresse to 78; 14th and 15th, point d' esprit to 79; 24th and 25th, a tresse to 80; 26th and 27th, a tresse to 81; 28th and 29th, a tresse to 83; 22d and 23d, a tresse to 84; 20th and 21st, a tresse, picots at 85 and 86, a tresse to 87; 18th and 19th, a tresse to 87; cross the 18th and 19th with 20th and 21st, pin at 87, close; 20th and 21st, a tresse to 89; 19th and 18th, point d' esprit to 90; 17th and 16th, a tresse to 91, pin, close; twist the 16th pair three times; 16th and 15th, point; 15th and 14th, point, pin at 79, between 15th

and 16th; twist the 14th pair four times; twist the 17th pair three times; 17th and 18th, point; 18th and 19th, point, pin at 90 between 17th and 18th pairs; twist the 19th pair four times.

Pin between 8th and 9th pairs at 58; 9th and 10th, point grille; 9th and 8th, point grille; 8th and 7th, point grille; 7th and 6th, point grille, pin at 70, close; 7th and 8th, point grille; 8th and 9th, point grille; 9th and 10th, point grille; 10th and 11th, point grille, pin at 73, close; 10th and 9th, point grille; 9th and 8th, point grille; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille, pin at 71, close; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille; 9th and 10th, point grille; 10th and 11th, point grille; 11th and 12th, point grille, pin at 77, close; 11th and 10th, point grille; 10th and 9th, point grille; 9th and 8th, point grille; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 72, close; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille; 9th and 10th, point grille; 10th and 11th, point grille; 11th and 12th, point grille; 12th and 13th, point grille, pin at 78, close; 12th and 11th, point grille; 11th and 10th, point grille; 10th and 9th, point grille; 9th and 8th, point grille; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 92, close.

Pin between the 7th and 8th pairs at 93, upper hole; 7th and 8th, point d' esprit, pin at 93, lower hole; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille; 9th and 10th, point grille; 10th and 11th, point grille; 11th and 12th, point grille; 12th and 13th, point grille; 13th and 14th, point, pin at 94, close; 13th and 12th, point grille; 12th and 11th, point grille; 11th and 10th, point grille; 10th and 9th, point grille; 9th and 8th, point grille; 8th and 7th, point grille; 7th and 6th, point grille (keep this thread that is carried across, tightly drawn, so as to allow no separation by point d' esprit); 6th and 5th, point grille; 5th and 4th, point grille: 4th and 3d, point grille; 3d and 2d, point grille; 2d and 1st, point grille, pin at 95, close; 2d and 3d, point grille; 3d and 4th, point grille; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille; 9th and 10th, point grille; 10th and 11th, point grille; 11th and 12th, point grille; 12th and 13th, point grille, pin at 96, close; 12th and 11th, point grille; 11th and 10th, point grille; 10th and 9th, point grille; 9th and 8th, point grille; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille; 5th and 4th, point grille; 4th and 3d, point grille, pin at 97, close; 4th and 5th, point grille; 5th and 6th, point grille; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille; 9th and 10th, point grille; 10th and 11th, point grille, pin at 98, close; 10th and 9th, point grille; 9th and 8th, point grille; 8th and 7th, point grille; 7th and 6th, point grille; 6th and 5th, point grille, pin at 99, close; 6th and 7th, point grille; 7th and 8th, point grille; 8th and 9th, point grille; 9th and

10th, point grille; 10th and 11th, point grille, pin at 100, close; 10th and 9th, point grille; 9th and 8th, point grille, pin at 101.

Pin between the 24th and 25th pairs at 80.

25th and 26th, point grille; 25th and 24th, point grille; 24th and 23d, point grille; 23d and 22d, point grille, pin at 84, close; 23d and 24th, point grille; 24th and 25th, point grille; 25th and 26th, point grille; 26th and 27th, point grille, pin at 81, close; 26th and 25th, point grille; 25th and 24th, point grille; 24th and 23d, point grille; 23d and 22d, point grille; 22d and 21st, point grille, pin at 88, close; 22d and 23d, point grille; 23d and 24th, point grille; 24th and 25th, point grille; 25th and 26th, point grille; 26th and 27th, point grille; 27th and 28th, point grille, pin at 82, close; 27th and 26th, point grille; 26th and 25th, point grille; 25th and 24th, point grille; 24th and 23d, point grille; 23d and 22d, point grille; 22d and 21st point grille; 21st and 20th, point grille, pin at 89, close; 21st and 22d, point grille; 22d and 23d, point grille; 23d and 24th, point grille; 24th and 25th, point grille; 25th and 26th, point grille; 26th and 27th, point grille; 27th and 28th, point grille; 28th and 29th, point grille, pin at 83, close; 28th and 27th, point grille; 27th and 26 h, point grille; 26th and 25th, point grille; 25th and 24th, point grille; 24th and 23d, point grille; 23d and 22d, point grille; 22d and and 21st point grille; 21st and 20th, point grille; 20th and 19th, point, pin at 102, close.

Pin between 25th and 24th pairs at 103, upper hole; 24th and 25th, point d' esprit, pin at 103, lower hole; 20th and 21st, point grille; 21st and 22d, point grille; 22d and 23d, point grille; 23d and 24th, point grille; 24th and 25th, point grille; 25th and 26th, point grille; 26th and 27th, point

grille; 27th and 28th, point grille; 28th and 29th, point grille, pin at 104, close (drawing tightly across); 28th and 27th, point grille; 27th and 26th, point grille; 26th and 25th, point grille; 25th and 24th, point grille; 24th and 23d, point grille; 23d and 22d, point grille; 22d and 21st point grille; 21st and 20th, point grille, pin at 105, close; 21st and 22d, point grille; 22d and 23d, point grille; 23d and 24th, point grille; 24th and 25th, point grille; 25th and 26th, point grille; 26th and 27th, point grille; 27th and 28th, point grille; 28th and 29th, point grille, pin at 106, close; 28th and 27th, point grille; 27th and 26th, point grille; 26th and 25th, point grille; 25th and 24th, point grille; 24th and 23d, point grille; 23d and 22d, point grille, pin at 107, close; 23d and 24th, point grille; 24th and 25th, point grille; 25th and 26th, point grille; 26th and 27th, point grille, pin at 108, close; 26th and 25th, point grille; 25th and 24th, point grille; 24th and 23d, point grille; 23d and 22d, point grille, pin at 109, close; 23d and 24th, point grille; 24th and 25th, point grille; 25th and 26th, point grille; 26th and 27th, point grille, pin at 110, close; 26th and 25th, point grille; 25th and 24th, point grille, pin at 111.

30th and 31st, point matte; 31st and 32d, point matte, twist the 32d pair twice, pin at 112; twist outside pair twice; 32d and 33d, point; twist 32d pair twice; 32d and 31st, point matte, closing pin; 31st and 30th, point matte, twist 30th pair three times, pin at 113, close; 31st and 32d, point matte, twist 32d pair twice, pin at 114; twist outside pair twice; 32d and 33d, point; twist 32d pair twice; 32d and 31st, point matte, closing pin; 31st and 30th, point matte, twist 30th pair three times, pin at 115, close; 31st and 32d point matte, twist 32d pair twice, pin at 116; twist outside pair twice;

32d and 33d, point; twist 32d pair twice; 32d and 31st, point matte, closing pin; 31st and 30th, point matte, twist 30th pair three times, pin at 117, close; 31st and 32d, point matte, twist 32d pair twice, pin at 118; twist outside pair twice; 32d and 33d, point; twist 32d pair twice; 32d and 31st, point matte, closing pin; 31st and 30th, point matte; twist 30th pair three times.

Twist the 19th pair four times; 18th and 19th, point; 17th and 18th, point; twist the 14th pair four times; 14th and 15th point; 15th and 16th, point; twist the 16th pair three times; twist the 17th pair three times; 16th and 17th, point, pin at 119, close; 18th and 19th, point d' esprit to 2; 14th and 15th, point d' esprit to 9. Repeat from beginning.

To Turn the Corner.

Work down to the diagonal. After making the first section of scallop, add a pair of bobbins between the 2d and

Diag. of Corner to Fig. No. 11.

3d pairs, at 1, suspended on pin just back of point in design, and drawn down into place, removing pin, when well woven in; cross this with 3d and 4th and 5th pairs in point of 8, pin at 1, close; a tresse with 5th to 2.

3d and 4th, a tresse to 3; cross 1st and 2d with 3d and 4th, pin at 3, close; 1st and 2d, tresse to 4, picot, tresse to 5, picot, tresse to 6, picot, tresse to 7; cross 3d and 4th with 1st and 2d, pin at 7, close.

Add another pair of bobbins between 2d and 3d pairs, on pin back of point in design; cross 3d and 4th and 5th and 6th and 7th in "cord of 4 with cord of 6," pin at 2; twist 7th pair four times.

After tresse with 10th and 11th, point with 10th and 9th, point 9th and 8th, pin between 10th and 9th; twist 8th pair three times; 8th and 7th, point, pin at 8, close; twist 7th pair four times; cross 7th with 6th and 5th and 4th and 3d, in cord of 4 with cord of 6, closing pin at 2; 3d and 4th, a tresse to 9; 1st and 2d, a tresse to 9; cross 1st and 2d with 3d and 4th, pin at 9, close; 11th and 10th, point; 10th and 9th, point.

Lift pattern carefully from roll, leaving pins in pattern along the diagonal sufficient to hold work well fixed to the design; turn pattern, replace pins in roll, and continue.

10th and 11th, point d' esprit to 10; cross 10th and 11th with 12th and 13th already carried to the point in a tresse, pin at 10, close; 12th and 13th, a tresse, picots at 11 and 12, a tresse to 13; 10th and 11th, a tresse to 14; cross 12th and 13th with 14th and 15th already in a tresse at 13, pin at 13, close; 12th and 13th, a tresse to 15; 14th and 15th, point d' esprit to 16; 15th and twisted 16th (the 16th already having formed point with 13th of grille before turning diagonal, after its crossing with point d' esprit), point; 15th and 14th, point, pin at 16, between 15th and 16th; twist 14th pair four times, which later will meet 13th of next grille in point; 19th and 18th, point; 18th and 17th, point; twist 17th pair

twice; 18th and 19th, point d' esprit to 17; cross 18th and 19th with 20th and 21st already in a tresse, pin at 17, close; 18th and 19th, a tresse to 18; 20th and 21st, a tresse, picots at 19 and 20, a tresse to 21; cross 20th and 21st with 22d and 23d already in a tresse at 21, pin at 21, close; 20th and 21st, a tresse to 22; 22d and 23d, point d' esprit to 23; 23d and twisted 24th (already in point with grille pair after passing through point d' esprit), point; 23d and 22d, point, pin between the 23d and 24th at 23; twist 22d, which later will join grille; 27th and 26th, point; 26th and 25th, point; twist 25th pair twice; 26th and 27th, point d' esprit to 24; cross 26th and 27th with 28th and 29th already in a tresse at 24, pin at 24, close; 26th and 27th, a tresse to 25; 28th and 29th, a tresse, picots at 26 and 27, a tresse to 28. After point of 6 with tresse (28th and 29th pairs before added bobbins) from grille, closing pin, already made, 29th and 30th, point matte; 28th and 29th, point matte; 30th and 31st, point matte; 30th and 29th, point matte; 28th and 29th, a tresse to 29; 33d and 32d, point matte; 32d and 31st, point matte; 31st and 30th, point matte; tie the 30th pair in a hard knot; 34th and 33d, point matte; 33d and 32d, point matte; 32d and 31st, point matte; tie the 31st in a hard knot; omit the 30th and 31st pairs from work and cut off. Continue edge as before.

6th and 7th, point d' esprit to 30; twist 8th pair twice; 8th and 7th, point; 7th and 6th, point, pin between 7th and 8th. From 9 finish 3d section of scallop: after crossing 3d and 4th with 5th in point of 6 at 31, a tresse to 32, cross with 1st and 2d, pin at 32, close; twist 5th pair three times; twist 6th pair four times; 6th and 5th, point, at 33, pin, close; twist 6th pair four times; 6th and 7th, point; 7th and

8th, point; twist 8th pair twice; twist 9th pair twice; 8th and 9th, point, at 34, pin, a tresse to 35; 6th and 7th, point d' esprit to 36, and finish scallop in same manner as those before. Make first half of grille, join the 13th pair with 14th in point, pin at 37, close; twist 14th pair four times; 14th and 15th, point; 15th and 16th, point; twist the 16th twice; 16th and 17th, point, pin, tresse to 38; 15th and 14th, point d' esprit to 39, ready for tresse from grille which is to be finished now. Then make first half of following grille; 22d and 21st, point, pin at 40, close; twist 22d pair four times; 22d and 23d, point; 23d and 24th, point; twist the 24th twice; 24th and 25th, point, pin at 41, tresse to 42; 22d and 23d, point d' esprit to 43 to meet tresse from grille, which may be finished now. Make third grille in diagonal, and proceed as in regular design.

Pattern No. 12.

Sixty-four bobbins. Thread No. 500.

Place 32 pairs of bobbins on several pins back of design.

Cross the 27th with 26th and 25th in point of 6, pin at 1, close; 26th and 25th, a tresse, picot at 2, a tresse to 3; cross the 26th and 25th with 24th and 23d, pin at 3, close; 24th and 23d, a tresse, picot at 4, a tresse to 5; 26th and 25th, point d' esprit to 6; cross the 24th and 23d with 22d and 21st, pin at 5, close; 24th and 23d, point d' esprit to 6.

27th and 28th, point matte; 28th and 29th, point matte; twist the 29th pair once; 29th and 30th, point matte; 30th and 31st, point matte, twist the 31st pair, pin at 7; twist outside pair; 31st and 32d, point; twist the 31st pair; 31st and 30th, point matte, closing pin; 30th and 29th, point matte; twist 29th pair; 29th and 28th, point matte; 28th and 27th, point matte, pin at 8, close; 28th and 29th, point matte; twist 29th pair; 29th and 30th, point matte; 30th and 31st, point matte, twist 31st pair, pin at 9; twist outside pair; 31st and 32d point; twist 31st pair; 31st and 30th, point matte, closing pin; 30th and 29th, point matte; twist 29th pair; 29th and 28th, point matte; 28th and 27th, point matte.

16th and 17th, point matte; 17th and 18th, point matte; twist 18th pair; 18th and 19th, point matte; 19th and 20th, point matte, pin at 10, close; 19th and 18th, point matte; twist 18th pair; 18th and 17th, point matte; 17th and 16th, point matte.

15th and 14th, point matte; 14th and 13th, point matte; twist 13th pair; 13th and 12th, point matte; 12th and 11th, point matte, pin at 11, close; 12th and 13th, point matte; twist 13th pair; 13th and 14th, point matte; 14th and 15th, point matte.

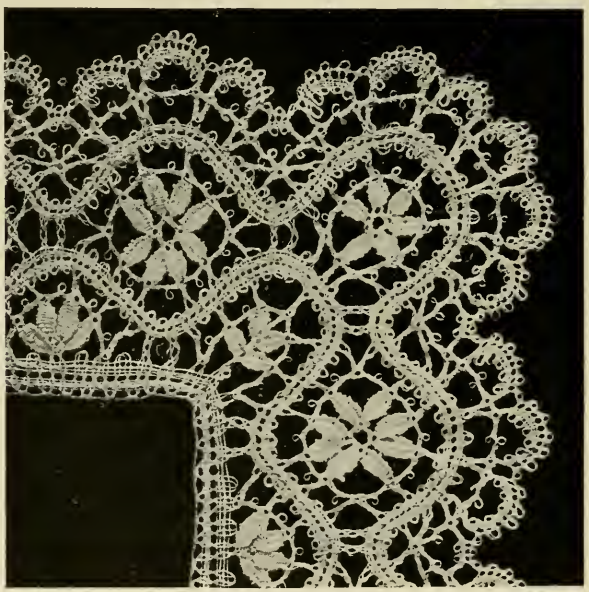
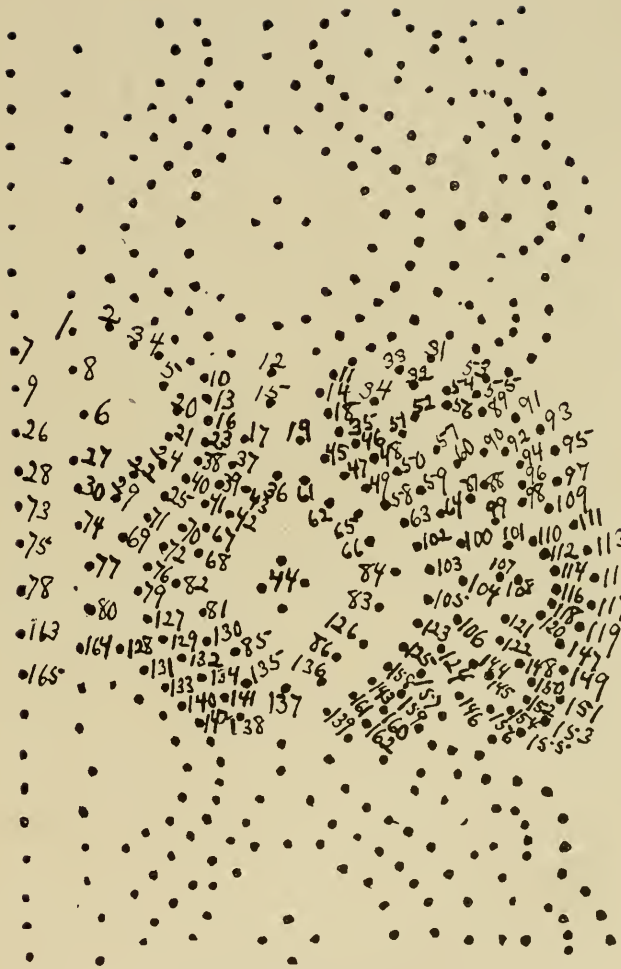


Fig. No. 12.

15th and 16th, half point, pin at 12, close; 16th and 17th, point matte; 17th and 18th, point matte; twist 18th pair; 18th and 19th, point matte; 19th and 20th, point matte, pin at 13, close; 19th and 18th, point matte; twist the 18th pair; 18th and 17th, point matte; 17th and 16th, point matte.



Diag. of Border of Fig. No. 12.

15th and 14th, point matte; 14th and 13th, point matte; twist 13th pair; 13th and 12th, point matte; 12th and 11th, point matte, pin at 14, close; 12th and 13th, point matte; twist 13th pair; 13th and 14th, point matte; 14th and 15th, point matte.

15th and 16th, half point, pin at 15, close; 16th and 17th, point matte; 17th and 18th, point matte; twist 18th pair; 18th and 19th, point matte; 19th and 20th, point matte, pin at 16, close; 19th and 18th, point matte; twist 18th pair; 18th and 17th, point matte; 17th and 16th, point matte, pin at 17.

15th and 14th, point matte; 14th and 13th, point matte; twist 13th pair; 13th and 12th, point matte; 12th and 11th, point matte, pin at 18, close; 12th and 13th, point matte; twist 13th pair; 13th and 14th, point matte; 14th and 15th, point matte, pin at 19.

21st and 22d, a tresse, picot at 20, a tresse to 21; twist the 27th pair; cross the 27th with 26th and 25th in point of 6, cross the 25th with 24th and 23d in point of 6, pin at 6, close, crossing 23d with 24th and 25th, then 25th with 26th and 27th; twist 27th pair.

23d and 24th, point d' esprit to 21; 25th and 26th, point d' esprit to 22; cross the 23d and 24th with 22d and 21st, pin at 21, close; 22d and 21st, a tresse to 23; 23d and 24th, a tresse, picot at 24, a tresse to 22; cross 23d and 24th with 25th and 26th, pin at 22, close; 23d and 24th, a tresse to 25.

27th and 28th, point matte; 28th and 29th, point matte; twist 29th pair; 29th and 30th, point matte; 30th and 31st, point matte, twist 31st pair, pin at 26; twist outside pair; 31st and 32d, point; twist 31st pair; 31st and 30th, point matte, closing pin; 30th and 29th, point matte; twist 29th

pair; 29th and 28th, point matte; 28th and 27th, point matte, pin at 27, close; 28th and 29th, point matte; twist 29th pair; 29th and 30th, point matte; 30th and 31st, point matte, twist 31st pair, pin at 28; twist outside pair; 31st and 32d, point; twist 31st pair; 31st and 30th, point matte, closing pin; 30th and 29th, point matte; twist 29th pair; 29th and 28th, point matte; 28th and 27th, point matte. 26th and 25th, a tresse, picot at 29, a tresse to 30; cross the 27th with 26th and 25th in point of 6, pin at 30, close.

Cross the 3d and 4th with 5th and 6th, pin at 31, close 5th and 6th, a tresse, picots at 32 and 33, a tresse to 34; cross the 9th and 10th and 7th and 8th and 5th and 6th in two points of 8, pin at 34, close.

9th and 10th, a tresse to 35, pin; 10th and 11th, point matte; 11th and 12th, point matte; twist 12th pair; 12th and 13th, point matte; 13th and 14th, point matte; 14th and 15th, a tresse to 36.

Pin between the 22d and 21st at 23; 21st and 20th, point matte; 20th and 19th, point matte; twist the 19th pair; 19th and 18th, point matte; 18th and 17th, point matte; 17th and 16th, a tresse to 36.

22d and 21st, point matte; 21st and 20th, point matte; twist the 20th pair; 20th and 19th, point matte; 19th and 18th, point matte, pin at 37, close; 19th and 20th, point matte; twist the 20th pair; 20th and 21st, point matte; 21st and 22d, point matte, pin at 38, close; 21st and 20th, point matte; twist 20th pair; 20th and 19th, point matte; 19th and 18th, point matte, pin at 39, close; 19th and 20th, point matte; twist 20th pair; 20th and 21st, point matte; 21st and 22d, point matte, pin at 40, close; 21st and 20th, point matte; twist 20th pair; 20th and 19th, point matte; 19th and 18th, point matte, pin at 41.

Pin at 25, between the 23d and 24th pairs; 23d and 22d, point matte; 22d and 21st, point matte; twist 21st pair; 21st and 20th, point matte; 20th and 19th, point matte.

19th and 18th, a tresse to 42.

Cross the 17th and 16th with 15th and 14th at 36, pin, close; 17th and 16th, a tresse, picot at 43, a tresse to 42.

Cross the 17th and 16th with 19th and 18th, pin at 42, close; 17th and 16th, point d' esprit to 44.

7th and 8th, a tresse to 50.

5th and 6th, a tresse to 51 and 52.

3d and 4th a tresse; twist 2d pair; 1st and 2d, point, pin at 53, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 54, close; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 55, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 56, close; 3d and 2d, point matte; 3d and 4th, a tresse to 57.

9th and 10th, point matte; 10th and 11th, point matte; twist 11th pair; 11th and 12th, point matte; 12th and 13th, point matte, pin at 45, close; 12th and 11th, point matte; twist 11th pair; 11th and 10th, point matte; 10th and 9th, point matte, pin at 46, close; 10th and 11th, point matte; twist 11th pair; 11th and 12th, point matte; 12th and 13th, point matte, pin at 47, close; 12th and 11th, point matte; twist 11th pair; 11th and 10th, point matte; 10th and 9th, point matte, pin at 48, close; 10th and 11th, point matte; twist 11th pair; 11th and 12th, point matte; 12th and 13th, point matte, pin at 49.

Pin between the 7th and 8th at 50; 8th and 9th, point matte; 9th and 10th, point matte; twist 10th pair; 10th and 11th, point matte; 11th and 12th, point matte.

12th and 13th, a tresse to 62; 14th and 15th, a tresse, picot at 61, a tresse to 62; cross the 12th and 13th with 14th and 15th, pin at 62, close.

14th anh 15th, point d' esprit to 44.

5th and 6th, picots at 51 and 52, a tresse to 57.

Cross the 3d and 4th with 5th and 6th at 57, pin, close.

5th and 6th, a tresse to 59; 3d and 4th, a tresse of two to 60.

7th and 8th, point matte; 8th and 9th, point matte; twist 9th pair. Add two pairs of bobbins between the 9th and 10th, attached to pin just back of point in design. 9th and 10th, point matte; 10th and 11th, point matte; 11th and 12th, point matte; 12th and 13th, point matte, pin at 58, close; 12th and 11th, point matte; 11th and 10th, point matte; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte; cross the 7th with 6th, and 5th in point of 6, pin at 59, close; 6th and 5th, a tresse to 60; 7th and 8th, point matte; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte; 11th and 12th, point matte; 12th and 13th, point matte, pin at 63, close; 12th and 11th, point matte; 11th and 10th, point matte; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte, pin at 64, close. Remove pin holding added bobbins, pulling them down to place. 12th and 13th, a tresse to 66; 14th and 15th, a tresse, picot at 65, a tresse to 66; cross the 14th and 15th with 12th and 13th, pin at 66, close.

14th and 15th, point d' esprit, to 44.

20th and 21st, a tresse, picot at 67, a tresse to 68.

27th and 28th, a tresse to 69.

26th and 25th, point matte; 25th and 24th, point matte; twist 24th pair; 24th and 23d, point matte; 23d and 22d, point matte, pin at 70, close; 23d and 24th, point matte; twist 24th pair; 24th and 25th, point matte; 25th and 26th, point matte, pin at 71, close; 25th and 24th, point matte; twist 24th pair; 24th and 23d, point matte; 23d and 22d, point matte, pin at 72.

Pin at 69, between the 27th and 28th.

27th and 26th, point matte; 26th and 25th, point matte; twist 25th pair; 25th and 24th, point matte; 24th and 23d, point matte; 23d and 22d, a tresse to 68; cross the 23d and 22d with 21st and 20th, pin at 68, close.

21st and 20th, point d' esprit, to 44.

29th and 30th, point matte; 30th and 31st, point matte; twist 31st pair; 31st and 32d, point matte; 32d and 33d, point matte, twist 33d pair, pin at 73; twist outside pair; 33d and 34th, point; twist 33d pair; 33d and 32d, point matte, closing pin; 32d and 31st point matte; twist 31st pair; 31st and 30th, point matte; 30th and 29th, point matte, pin at 74, close; 30th and 31st, point matte; twist 31st pair; 31st and 32d point matte; 32d and 33d, point matte, twist 33d pair, pin at 75; twist outside pair; 33d and 34th, point; twist 33d pair; 33d and 32d, point matte, closing pin; 32d and 31st, point matte; twist 31st pair; 31st and 30th, point matte; 30th and 29th, point matte. 28th and 27th, point matte; 27th and 26th, point matte; twist 26th pair; 26th and 25th, point matte; 25th and 24th, point matte, pin at 76, close; 25th and 26th, point matte; twist 26th pair; 26th and 27th, point matte; 27th and 28th, point matte; 28th and 29th, half point, pin at 77, close.

29th and 30th, point matte; 30th and 31st, point matte; twist the 31st pair; 31st and 32d, point matte; 32d and 33d,

point matte, twist the 33^{d} pair, pin at 78; twist the outside pair; 33^{d} and 34th, point; twist the 33^{d} pair; 33^{d} and 32^{d}, point matte, closing pin; 32^{d} and 31st, point matte; twist the 31st pair; 31st and 30th, point matte; 30th and 29th, point matte. 28th and 27th, point matte; 27th and 26th, point matte; twist the 26th pair; 26th and 25th, point matte; 25th and 24th, point matte, pin at 79, close; 25th and 26th, point matte; twist the 26th pair; 26th and 27th, point matte; 27th and 28th, point matte; 28th and 29th, half point, pin at 80, close.

Cross the 16th and 17th with 18th and 19th, pin at 44, upper hole, close; 16th and 17th, point; 18th and 19th, point.

Cross the 18th and 19th with the 20th and 21st, pin at 44, left hole, close; 18th and 19th, point.

Cross the 15th and 14th with 16th and 17th, pin at 44, right hole, close; 16th and 17th, point.

20th and 21st, point d' esprit to 81; 22^{d} and 23^{d}, a tresse, picot at 82, a tresse to 81; cross the 22^{d} and 23^{d} with 21st and 20th, pin at 81, close.

14th and 15th, point d' esprit, to 83; 12th and 13th, a tresse, picot at 84, a tresse to 83; cross 14th and 15th with 12th and 13th, pin at 83, close.

Cross the 18th and 19th with 16th and 17th, pin at 44, lower hole, close; 18th and 19th, point d' esprit, to 85; 16th and 17th, point d' esprit, to 86.

Cross the 3^{d} and 4th with 5th and 6th, at 60, pin, close; 5th and 6th, a tresse to 87 and 88.

3^{d} and 4th, a tresse of 2; twist the 2^{d} pair; 2^{d} and 1st, point, pin at 89, close; 2^{d} and 3^{d}, point matte; 3^{d} and 4th point matte, pin at 90, close; 3^{d} and 2^{d}, point matte; twist 2^{d} pair; 2^{d} and 1st, point, pin at 91, close; 2^{d} and 3^{d}, point

matte; 3d and 4th, point matte, pin at 92, close; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 93, close.

5th and 6th, picots at 87 and 88, a tresse to 99.

2d and 3d, point matte; 3d and 4th, point matte, pin at 94, close; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 95, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 96, close; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 97, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 98, close; 3d and 2d, point matte.

3d and 4th, a tresse of 2 to 99; cross the 3d and 4th with 5th and 6th, pin at 99, close; 5th and 6th, a tresse to 100; 3d and 4th, a tresse of 2 to 101.

8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte, pin at 102, close; 10th and 9th point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte; cross the 7th with 6th and 5th, in point of 6, pin at 100, close; 5th and 6th, a tresse to 101; cross the 5th and 6th with 3d and 4th, pin at 101, close; 3d and 4th, a tresse of 2.

7th and 8th, point matte; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte, pin at 103, close; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte, pin at 104, close; 8th and 9th, point matte; twist 9th pair; 9th and 10th point matte; 10th and 11th, point matte, pin at 105, close; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte. 5th and 6th, a tresse to 107 and 108. twist 2d pair; 2d and 1st, point, pin at 109, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 110, close; 3d and 2d, point matte; twist 2d pair; 2d and 1st,

point, pin at 111, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 112, close; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 113, close.

5th and 6th, picots at 107 and 108, a tresse to 121. 2d and 3d, point matte; 3d and 4th, point matte, pin at 114, close; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 115, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 116, close; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 117, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 118, close; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 119, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 120, close; 3d and 2d, point matte.

3d and 4th, a tresse of 2 to 121; cross the 3d and 4th with 5th and 6th, pin at 121, close; 5th and 6th, a tresse to 106; cross the 5th and 6th with 7th in point of 6, at 106, pin, close; 5th and 6th, a tresse to 122; 3d and 4th, a tresse of 2 to 122. 7th and 8th, point matte; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte; 12th and 13th, a tresse to 123; 11th and 12th, point matte; 12th and 13th, point matte, pin at 123, close; 12th and 11th, point matte; tie the 12th pair in a hard knot and cut off; 11th and 10th, point matte; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte, pin at 124, close; tie the 10th pair in a hard knot and cut off; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte, pin at 125, close; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte.

12th and 13th, a tresse, picot at 126, a tresse to 86; cross the 12th and 13th with 14th and 15th at 86, pin, close.

26th and 25th, point matte; 25th and 24th, point matte; twist 24th pair; 24th and 23d, point matte; 23d and 22d, point matte, pin at 127, close; 23d and 24th, point matte; twist 24th pair; 24th and 25th, point matte; 25th and 26th, point matte, pin at 128; 20th and 21st, a tresse to 129, pin; 19th and 18th, a tresse, picot at 130, a tresse to 85; cross the 19th and 18th with 17th and 16th at 85, pin, close; 21st and 22d, point matte; 22d and 23d, point matte; twist 23d pair; 23d and 24th, point matte; 24th and 25th, point matte; 25th and 26th, a tresse to 1.

20th and 21st, point matte; 21st and 22d, point matte; twist 22d pair; 22d and 23d, point matte; 23d and 24th, point matte, pin at 131, close; 23d and 22d, point matte; twist 22d pair; 22d and 21st, point matte; 21st and 20th, point matte, pin at 132, close; 21st and 22d, point matte; twist 22d pair; 22d and 23d, point matte; 23d and 24th, point matte, pin at 133; 19th and 18th, a tresse to 134, pin; 19th and 20th, point matte; 20th and 21st, point matte; twist 21st pair; 21st and 22d, point matte; 22d and 23d, point matte.

23d and 24th, a tresse to 3.

16th and 17th, a tresse, picot at 135, a tresse to 137; 14th and 15th, a tresse, picot at 136, a tresse to 137; cross the 14th and 15th with 16th and 17th, pin at 137, close; 16th and 17th, a tresse to 138; 15th and 14th, a tresse to 139.

18th and 19th, point matte; 19th and 20th, point matte; twist 20th pair; 20th and 21st, point matte; 21st and 22d, point matte, pin at 140, close; 21st and 20th, point matte; twist 20th pair; 20th and 19th, point matte; 19th and 18th, point matte, pin at 141, close; 19th and 20th, point matte; twist 20th pair; 20th and 21st, point matte; 21st and 22d, point matte, pin at 142.

Pin at 138, between the 17th and 16th; 17th and 18th, point matte; 18th and 19th, point matte; twist 19th pair; 19th and 20th, point matte; 20th and 21st, point matte; 21st and 22d, a tresse to 5.

12th and 13th, a tresse to 143.

Cross the 3d and 4th with 5th and 6th, at 122, pin, close; 3d and 4th, a tresse of 2; 5th and 6th, a tresse, picots at 144 and 145, a tresse to 146.

Twist 2d pair; 2d and 1st, point, pin at 147, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 148, close; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 149, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 150, close; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 151, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 152, close; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 153, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 154, close; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 155, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 156, close; 3d and 2d, point matte; 3d and 4th, a tresse of 2 to 146; cross the 3d and 4th with 5th and 6th, at 146, pin, close; 5th and 6th, a tresse to 157; cross 5th and 6th with 7th, in point of 6, at 157, pin, close; 7th and 8th, point matte; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte, pin at 158, close; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte.

5th and 6th, a tresse to 31; 3d and 4th, a tresse of 2 to 31.

Pin between the 7th and 8th at 159.

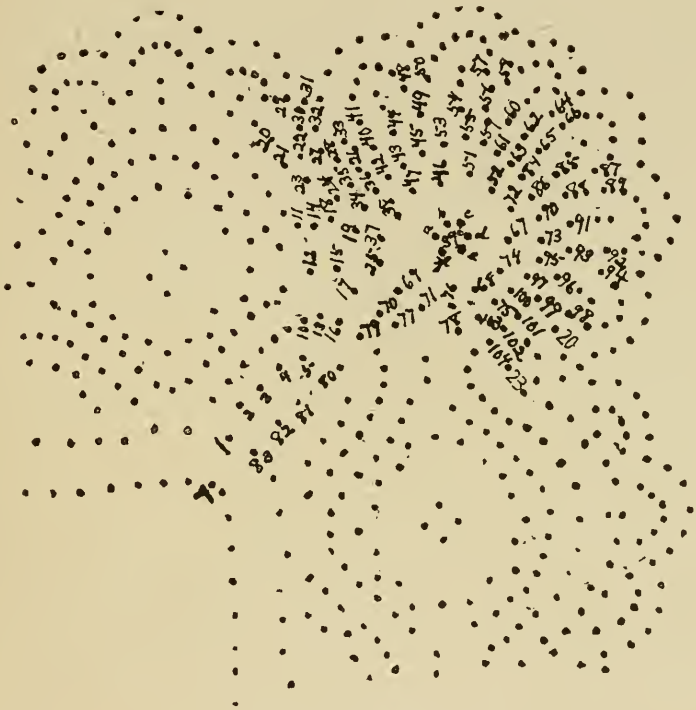
Pin between the 12th and 13th at 143; 12th and 11th, point matte; 11th and 10th, point matte; twist 10th pair; 10th and 9th, point matte; 9th and 8th, point matte; 7th and 8th, a tresse to 34; 13th and 12th, point matte; 12th and 11th, point matte; twist 11th pair; 11th and 10th, point matte; 10th and 9th, point matte, pin at 160, close; 10th and 11th, point matte; twist 11th pair; 11th and 12th, point matte; 12th and 13th, point matte, pin at 161, close; 12th and 11th, point matte; twist 11th pair; 11th and 10th, point matte; 10th and 9th, point matte, pin at 162; pin between the 14th and 15th at 139; 14th and 13th, point matte; 13th and 12th, point matte; twist 12th pair; 12th and 11th, point matte; 11th and 10th, point matte; 9th and 10th, a tresse to 34.

27th and 28th, point matte; 28th and 29th, point matte; twist 29th pair; 29th and 30th, point matte; 30th and 31st, point matte, twist 31st pair, pin at 163; twist outside pair; 31st and 32d, point; twist 31st pair; 31st and 30th, point, closing pin; 30th and 29th, point matte; twist 29th pair; 29th and 28th, point matte; 28th and 27th, point matte, pin at 164, close; 28th and 29th, point matte; twist 29th pair; 29th and 30th, point matte; 30th and 31st, point matte, twist 31st pair, pin at 165; twist outside pair; 31st and 32d, point; twist 31st pair; 31st and 30th, point matte, closing pin; 30th and 29th, point matte; twist 29th pair; 29th and 28th, point matte; 28th and 27th, point matte. Repeat from beginning.

To Turn the Corner.

Follow the directions repeating the above as far as the half point at 15, omitting the points matte and pins of the inner edge between 7 and 9, carrying the crossing pair

(32d to 27th) directly from 7 to 6. Add one pair of bobbins between the 17th and 18th pairs.



Diag. of Corner of Fig. No. 12.

16th and 17th, point matte; 17th and 18th, point matte; 18th and 19th, point matte; twist 19th pair; 19th and 20th, point matte; 20th and 21st, point matte, pin at 16, close; 20th and 19th, point matte; twist 19th pair; 19th and 18th,

point matte; 18th and 17th, point matte; 17th and 16th, point matte, pin at 17, close; 17th and 18th, point matte. Remove pin holding added pair and pull bobbins down to place. 16th and 17th, a tresse to 25; 15th and 14th, point matte; 14th and 13th, point matte; twist 13th pair; 13th and and 12th, point matte; 12th and 11th point matte, pin at 18, close; 12th and 13th, point matte; twist 13th pair; 13th and 14th, point matte; 14th and 15th, point matte, pin at 19.

Cross the 3d and 4th with 5th and 6th, pin at 20, close.

5th and 6th, a tresse, picots at 21 and 22, a tresse to 23; cross the 9th and 10th and 7th and 8th and 5th and 6th in two points of 8, pin at 23, close; 9th and 10th, a tresse to 24; 10th and 11th, point matte; 11th and 12th, point matte; twist 12th pair; 12th and 13th, point matte; 13th and 14th, point matte; 14th and 15th, a tresse to 25.

Cross the 14th and 15th with 16th and 17th, pin at 25, close.

7th and 8th, a tresse to 26.

5th and 6th, a tresse to 27 and 28.

3d and 4th, a tresse; twist 2d pair; 2d and 1st, point, pin at 29, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 30, close; 3d and 2d, point matte; twist 2d pair; 2d and 1st, point, pin at 31, close; 2d and 3d, point matte; 3d and 4th, point matte, pin at 32, close; 3d and 2d, point matte; 3d and 4th, a tresse to 33.

9th and 10th, point matte; 10th and 11th, point matte; twist 11th pair; 11th and 12th, point matte; 12th and 13th, point matte, pin at 34, close; 12th and 11th, point matte; twist 11th pair; 11th and 10th, point matte; 10th and 9th, point matte, pin at 35, close; 10th and 11th, point matte;

twist 11th pair; 11th and 12th, point matte; 12th and 13th, point matte, pin at 36.

Pin between the 7th and 8th at 26.

8th and 9th, point matte; 9th and 10th, point matte; twist 10th pair; 10th and 11th, point matte; 11th and 12th, point matte; 12th and 13th, a tresse to 38; 14th and 15th, a tresse, picot at 37, a tresse to 38; cross the 12th and 13th with 14th and 15th, pin at 38, close; 14th and 15th, point d' esprit to 39.

5th and 6th, picots at 27 and 28, a tresse to 33; cross the 3d and 4th with 5th and 6th, pin at 33, close; 5th and 6th, a tresse to 40; 3d and 4th, a tresse of 2 to 41.

7th and 8th, point matte; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte, pin at 42, close; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte; cross the 7th with 6th and 5th in point of 6, at 40, pin, close; 6th and 5th, a tresse to 41; 7th and 8th, point matte; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; add two pairs of bobbins between the 10th and 11th, attached to pin back of point in design; 10th and 11th, point matte; 11th and 12th, point matte; 12th and 13th, point matte, pin at 43, close; 12th and 11th, point matte; 11th and 10th, point matte; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte, pin at 44, close; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte; 11th and 12th, point matte; 12th and 13th, point matte, pin at 45, close; 12th and 11th, point matte; 11th and 10th, point matte; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte.

Remove pin holding added bobbins, pulling them down to place.

12th and 13th, a tresse to 46; 14th and 15th, a tresse, picot at 47, a tresse to 46; cross the 14th and 15th with 12th and 13th, pin at 46, close. 14th and 15th, point d' esprit to 39.

Make the first section of scallop as before. Cross the 3d and 4th with 5th and 6th at 48, pin, close; 5th and 6th, a tresse to 49; 3d and 4th, a tresse of 2 to 50; cross the 5th and 6th with 7th, in point of 6, at 49, pin, close; 5th and 6th, a tresse to 50. 12th and 13th, a tresse, picot at 51, tresse to 52.

7th and 8th, point matte; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte, pin at 53, close; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte, pin at 54, close; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte, pin at 55, close; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte.

Make the 2d section of scallop as before; cross the 3d and 4th with 5th and 6th at 57, pin, close; 5th and 6th, a tresse to 56; 3d and 4th, a tresse of 2 to 58.

Cross the 5th and 6th with 7th at 56; 5th and 6th, a tresse to 58.

7th and 8th, point matte; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte, pin at 59, close; 10th and 9th, point matte; add two pairs of bobbins between 9th and 8th pairs; 11th and 10th, point matte; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte, pin at 60, close; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte; 11th and 12th,

point matte; 12th and 13th, point matte, pin at 61, close; 12th and 11th, point matte; 11th and 10th, point matte; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte, pin at 62, close; pull added bobbins down to place; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte; 11th and 12th, point matte; 12th and 13th, point matte, pin at 63, close; 12th and 11th, point matte; 11th and 10th, point matte; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte.

Cross the 12th and 13th with 14th and 15th, pin at 52, close.

Make the 3d section of scallop as before; cross the 3d and 4th with 5th and 6th at 64, pin, close; 5th and 6th, a tresse to 65; cross the 5th and 6th with 7th, in point of 6, pin at 65, close; 5th and 6th, a tresse to 66; 3d and 4th, a tresse to 66.

Lift pattern carefully from roll, leaving pins in pattern along the diagonal sufficient to hold lace well fixed to design, turn pattern, replace pins in roll, and continue.

14th and 15th, point d' esprit to 39.

Pin between the 16th and 17th at 39-b; pin between the 14th and 15th at 39-c; 15th and 14th, point; 15th and 16th, point; 16th and 17th, point; 15th and 14th, point, pin at d.

Pin between the 18th and 19th at a; 17th and 18th, point; 18th and 19th, point; 18th and 17th, point; pin between the 18th and 19th at f; 18th and 19th, point d' esprit to 69; 17th and 16th, point, pin at e; 16th and 15th, point; 16th and 17th, point d' esprit to 68; 15th and 14th, point d' esprit to 67.

20th and 21st, a tresse to 69; cross the 20th and 21st with 18th and 19th at 69, pin, close; 20th and 21st, a tresse to 70; 18th and 19th, a tresse to 71.

12th and 13th, a tresse, picot at 72, a tresse to 67; cross the 12th and 13th with 14th and 15th, pin at 67, close; 12th and 13th, a tresse to 73; 14th and 15th, a tresse, picot at 74, a tresse to 68; cross the 14th and 15th with 16th and 17th, pin at 68, close; 14th and 15th, a tresse to 75; 16th and 17th, a tresse, picot at 76, a tresse to 71; cross the 16th and 17th with 18th and 19th, pin at 71, close; 18th and 19th, a tresse to 77; 16th and 17th, a tresse to 78; tie the two inner bobbins of the 20th and 21st pairs, in a hard knot and cut off; 20th and 21st, point matte; 21st and 22d point matte; twist 22d pair; 22d and 23d, point matte; 23d and 24th, point matte, pin at 79.

Pin at 77 between the 18th and 19th pairs; 19th and 20th, point matte; 20th and 21st, point matte, twist 21st pair; 21st and 22d, point matte; 22d and 23d, point matte; 23d and 24th, a tresse to 80; 25th and 26th, a tresse to 80; cross the 23d and 24th with 25th and 26th, pin at 80, close; 25th and 26th, a tresse to 81; cross the 25th and 26th with 27th and 28th at 81, pin, close; 27th and 28th, a tresse to 82; cross the 27th and 28th with 29th and 30th, pin at 82, close; 29th and 30th, a tresse to 83; tie the inner bobbins of the 29th and 30th pairs in a hard knot and cut off; 29th and 30th, point matte, pin at 83; 30th and 31st, point matte; 31st and 32d, point matte; twist 32d pair; 32d and 33d, point matte; tie 33d pair in a hard knot and cut off.

7th and 8th, point matte; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte, pin at 84, close; 10th and 9th, point matte;

twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte, pin at 85, close; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte, pin at 86, close; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte. Make 4th section of scallop as previous sections; cross the 3d and 4th with 5th and 6th at 87, pin, close; 5th and 6th, a tresse to 88; cross the 5th and 6th with 7th in point of 6, at 88, pin, close; 5th and 6th, a tresse to 89; 3d and 4th, a tresse of 2 to 89.

7th and 8th, point matte; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte, pin at 90, close; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte, pin at 91, close; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte; 11th and 12th, point matte; 12th and 13th, point matte, pin at 73, close; 12th and 11th, point matte; tie the 12th pair in a hard knot and cut off; 11th and 10th, point matte; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte; tie the 10th pair in a hard knot and cut off.

Make 5th section of scallop as previous ones; cross the 3d and 4th with 5th and 6th at 92, pin, close; 5th and 6th, a tresse to 93; cross the 5th and 6th with 7th in point of 6, at 93, pin, close; 5th and 6th, a tresse to 94; 3d and 4th, a tresse of 2 to 94.

7th and 8th, point matte; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte, pin at 95, close; 10th and 9th, point matte, twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte, pin at 96, close; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte, pin at 97,

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close; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte.

Make 6th section of scallop as previous ones; cross 5th and 6th with 3d and 4th at 98, pin, close; 5th and 6th, a tresse to 99; cross the 5th and 6th with 7th in point of 6, at 99, pin, close; 5th and 6th a tresse to 20; 3d and 4th, a tresse of 2 to 20; 7th and 8th, point matte; 8th and 9th, point matte; twist 9th pair; 9th and 10th, point matte; 10th and 11th, point matte, pin at 100, close; 10th and 9th, point matte; twist 9th pair; 9th and 8th, point matte; 8th and 7th, point matte, pin at 101; pin between the 12th and 13th at 75; 12th and 11th, point matte; 11th and 10th, point matte; twist 10th pair; 10th and 9th, point matte; 9th and 8th, point matte.

8th and 7th, a tresse to 23.

13th and 12th, point matte; 12th and 11th, point matte; twist 11th pair; 11th and 10th, point matte; 10th and 9th, point matte, pin at 102, close; 10th and 11th, point matte; twist 11th pair; 11th and 12th, point matte; 12th and 13th, point matte, pin at 103, close; 12th and 11th, point matte; twist 11th pair; 11th and 10th, point matte; 10th and 9th, point matte, pin at 104.

Pin between the 14th and 15th at 78; 14th and 13th, point matte; 13th and 12th, point matte; twist 12th pair; 12th and 11th, point matte; 11th and 10th, point matte; 10th and 9th, a tresse to 23.

Repeat the directions for regular design, beginning at "16th and 17th, point matte, etc., pin at 10," replacing the following "21st and 22d, tresse, picot at 10," with the straight tresse to 21, and omitting the "crossing of the 27th and 26th and 25th; 25th, 24th and 23d in two points of 6, pin at 6," and the points matte and pins between Nos. 26 and 28, carrying the point matte directly from 26 to 30.